

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021522\
 Data File : VU047146.D
 Acq On : 15 Feb 2022 11:55
 Operator : SY/MD
 Sample : VU0215WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0215WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/18/2022

Quant Time: Feb 17 08:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.118	96	52830	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	20519	1.003	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20821	0.977	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	32546	1.848	ug/l	100
3) Chloromethane	1.530	50	35170	1.944	ug/l	98
4) Vinyl Chloride	1.610	62	33996	1.904	ug/l	99
5) Bromomethane	1.864	94	21461	1.839	ug/l	100
6) Chloroethane	1.941	64	19679	1.918	ug/l	99
7) Trichlorofluoromethane	2.147	101	40707	1.934	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	23577	1.943	ug/l	94
9) 1,1-Dichloroethene	2.591	96	24419	1.955	ug/l	93
10) Iodomethane	2.732	142	17708	1.985	ug/l	100
11) Allyl Chloride	2.932	41	36013	1.850	ug/l	94
12) Acrylonitrile	3.327	53	12300	3.356	ug/l	93
13) Acetone	2.649	43	18991	10.690	ug/l	100
14) Carbon Disulfide	2.803	76	81057	1.919	ug/l	98
15) Methylene Chloride	3.054	84	27355	1.951	ug/l	99
16) trans-1,2-Dichloroethene	3.359	96	25441	1.930	ug/l	98
17) 1,1-Dichloroethane	3.877	63	45606	1.889	ug/l	98
18) 2-Butanone	4.723	43	33311	9.021	ug/l	99
19) Cyclohexane	5.395	56	41867m	1.871	ug/l	
20) Methylcyclohexane	6.768	83	46997	1.906	ug/l	94
21) 2,2-Dichloropropane	4.674	77	40604	1.882	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	28746	1.897	ug/l	94
23) Diethyl Ether	2.382	59	19276	1.910	ug/l	96
24) tert-Butyl Alcohol	3.237	59	12813	19.521	ug/l	# 77
25) Methyl tert-Butyl Ether	3.372	73	67003	1.913	ug/l	97
26) Bromochloromethane	4.983	128	13111	1.924	ug/l	92
27) Chloroform	5.096	83	46388	1.893	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	40471	1.908	ug/l	98
29) 1,1-Dichloropropene	5.533	75	36393	1.874	ug/l	97
30) Carbon Tetrachloride	5.530	117	35435	1.900	ug/l	97
31) Isopropyl Ether	4.002	45	71692	1.856	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	73888	1.882	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	67332	1.862	ug/l	97
34) Propionitrile	4.803	54	9335	10.360	ug/l	# 91
35) Benzene	5.780	78	105123	1.932	ug/l	98
36) 1,2-Dichloroethane	5.800	62	31682	1.923	ug/l	98
37) Trichloroethene	6.546	130	28992	1.924	ug/l	99
38) 1,2-Dichloropropane	6.796	63	26622	1.849	ug/l	97
39) Methacrylonitrile	4.983	41	9560	1.926	ug/l	94
40) Methyl acrylate	4.858	55	14340	1.709	ug/l	# 95
41) Tetrahydrofuran	5.073	42	10009	3.959	ug/l	# 86
42) 1-Chlorobutane	5.465	56	49221	1.888	ug/l	98
43) Dibromomethane	6.925	93	14937	1.923	ug/l	91
44) Bromodichloromethane	7.108	83	34096	1.856	ug/l	94

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 ALS Vial : 6 Sample Multiplier: 1

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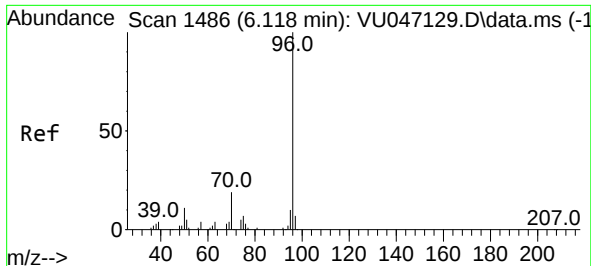
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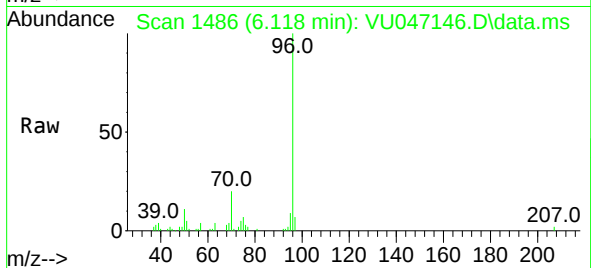
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	101279	9.643	ug/l	97
46) t-1,4-Dichloro-2-butene	10.838	75	15997m	3.499	ug/l	
47) Methyl methacrylate	6.967	69	29782	3.657	ug/l	96
48) Ethyl methacrylate	8.337	69	30532	1.849	ug/l	98
49) Toluene	7.973	92	66769	1.902	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	36347	1.828	ug/l	97
51) cis-1,3-Dichloropropene	7.610	75	41948	1.882	ug/l	98
52) 1,1,2-Trichloroethane	8.404	97	21742	1.962	ug/l	98
53) 1,3-Dichloropropane	8.578	76	37759	1.907	ug/l	99
54) 2-Hexanone	8.690	43	73687	9.417	ug/l	98
55) Dibromochloromethane	8.812	129	25746	1.911	ug/l	100
56) 1,2-Dibromoethane	8.928	107	21652	1.934	ug/l	97
58) Tetrachloroethene	8.555	164	27575	1.984	ug/l	98
59) Chlorobenzene	9.449	112	75335	1.925	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	26117	1.942	ug/l	100
61) Pentachloroethane	11.430	117	18728	1.834	ug/l #	82
62) Hexachloroethane	12.478	117	19894	1.804	ug/l #	79
63) Ethyl Benzene	9.575	91	131992	1.919	ug/l	98
64) m/p-Xylenes	9.697	106	102097	3.893	ug/l	97
65) o-Xylene	10.102	106	49097	1.933	ug/l	97
66) Styrene	10.118	104	81752	1.896	ug/l	97
67) Bromoform	10.292	173	15738	1.844	ug/l #	97
69) Isopropylbenzene	10.488	105	131640	1.927	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	28223	1.884	ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	24258m	1.919	ug/l	
72) Bromobenzene	10.783	156	32674	1.958	ug/l	86
73) n-propylbenzene	10.909	120	35878	1.908	ug/l	89
74) 2-Chlorotoluene	10.989	126	31387	1.958	ug/l	86
75) 1,3,5-Trimethylbenzene	11.089	105	106202	1.895	ug/l	98
76) 4-Chlorotoluene	11.099	126	33126	1.966	ug/l	78
77) tert-Butylbenzene	11.423	119	106141	1.888	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	109197	1.910	ug/l	98
79) sec-Butylbenzene	11.645	105	143337	1.920	ug/l	98
80) Nitrobenzene	13.208	77	5196	7.184	ug/l #	95
81) p-Isopropyltoluene	11.793	119	121621	1.925	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	61624	1.897	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	63528	1.942	ug/l	98
84) n-Butylbenzene	12.208	91	115116	1.898	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	59346	1.898	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	5133	1.869	ug/l	87
87) 1,2,4-Trichlorobenzene	13.841	180	46549	1.896	ug/l	99
88) Hexachlorobutadiene	14.021	225	23474	1.870	ug/l	98
89) Naphthalene	14.086	128	93680	1.863	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	43819	1.990	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047146.D
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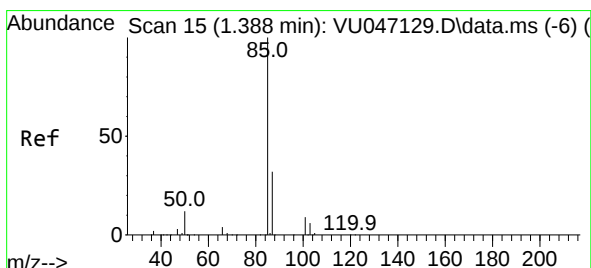
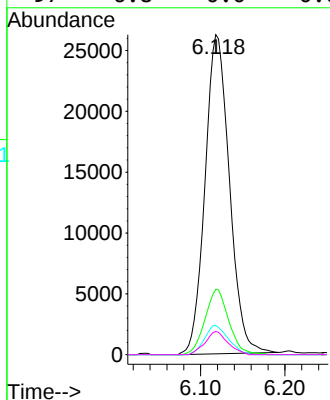
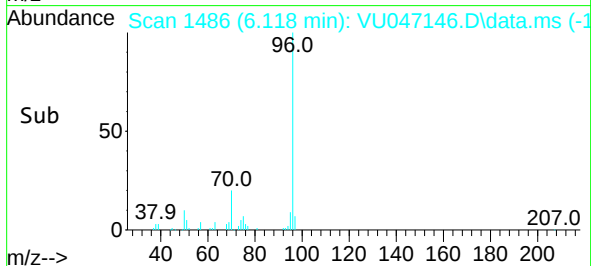
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



Tgt Ion: 96 Resp: 52830
Ion Ratio Lower Upper
96 100
70 20.0 16.8 25.2
95 8.9 7.3 10.9
97 6.8 0.0 0.0#

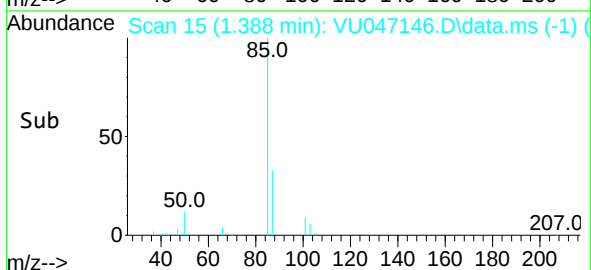
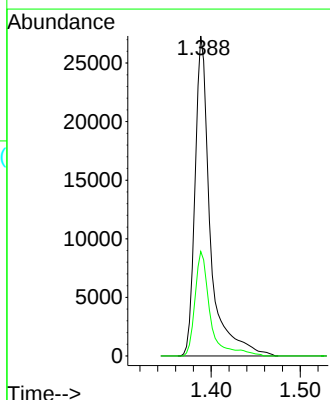
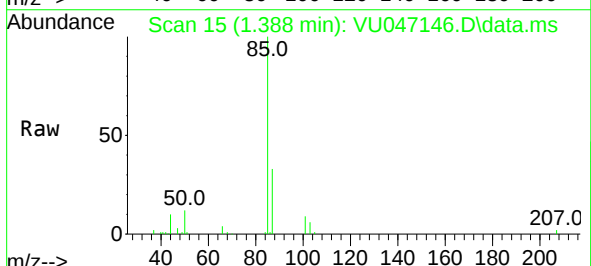
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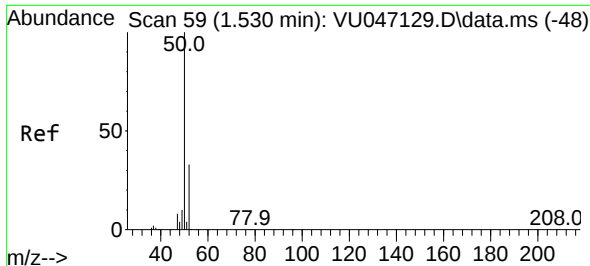
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#2
Dichlorodifluoromethane
Concen: 1.848 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

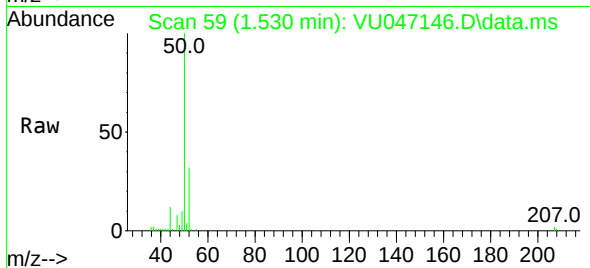
Tgt Ion: 85 Resp: 32546
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6





#3
Chloromethane
Concen: 1.944 ug/l
RT: 1.530 min Scan# 59
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

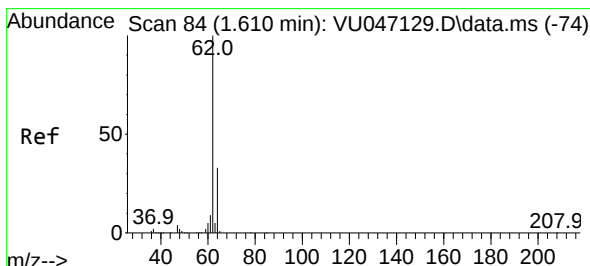
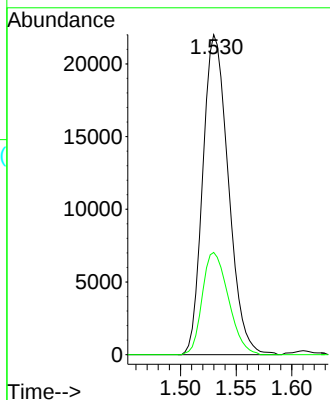
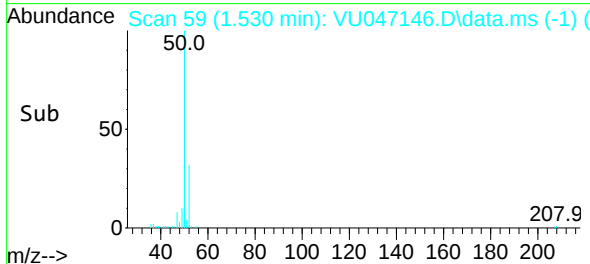
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



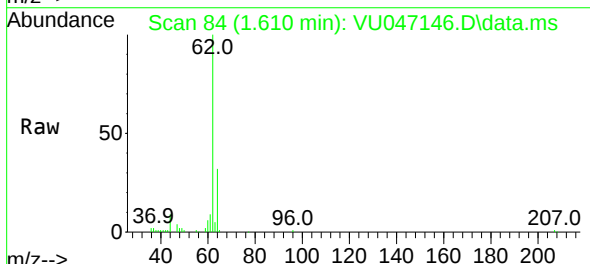
Tgt Ion: 50 Resp: 35170
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.4

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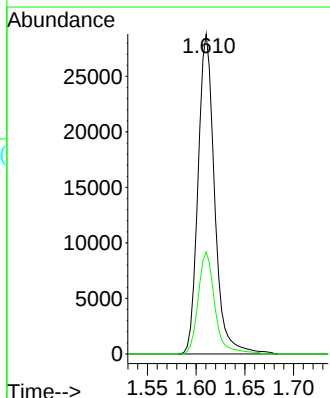
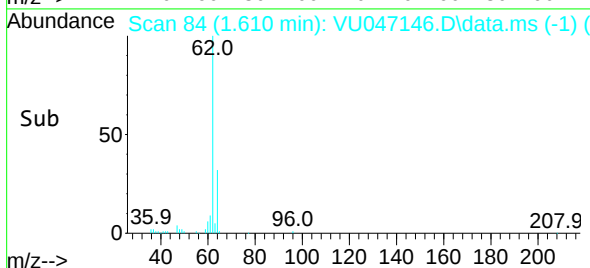
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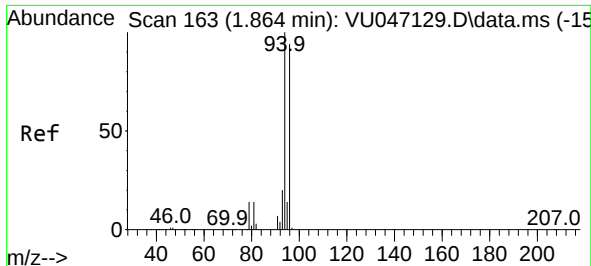


#4
Vinyl Chloride
Concen: 1.904 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



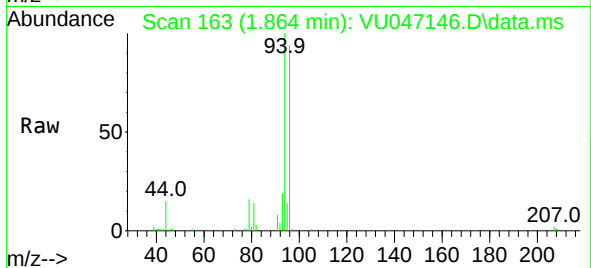
Tgt Ion: 62 Resp: 33996
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5
Bromomethane
Concen: 1.839 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

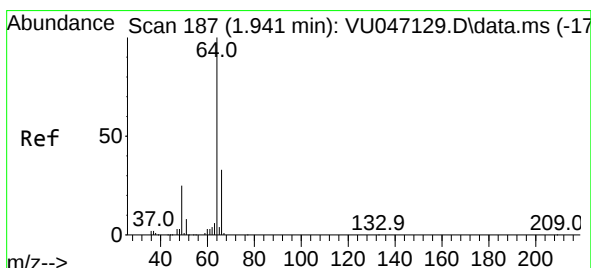
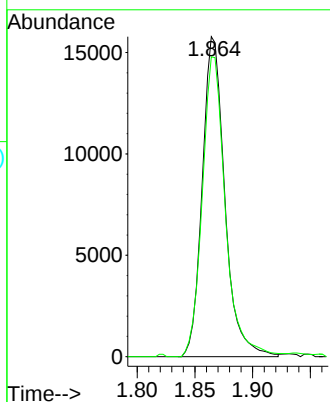
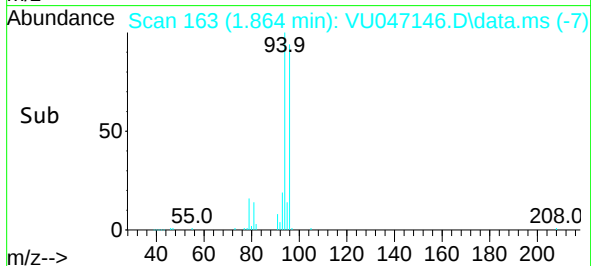
Instrument :
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ClientSampleId :
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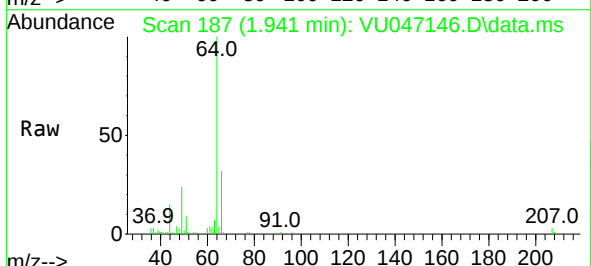
Tgt Ion: 94 Resp: 2146
Ion Ratio Lower Upper
94 100
96 93.7 75.0 112.4

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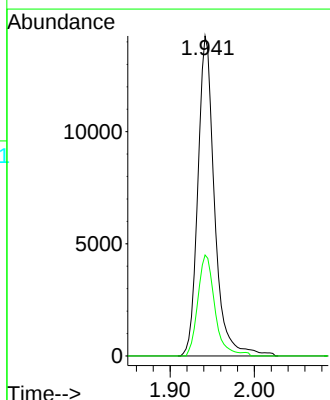
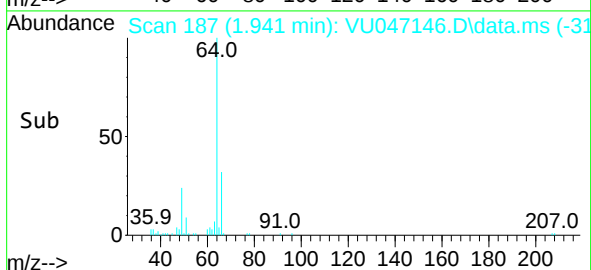
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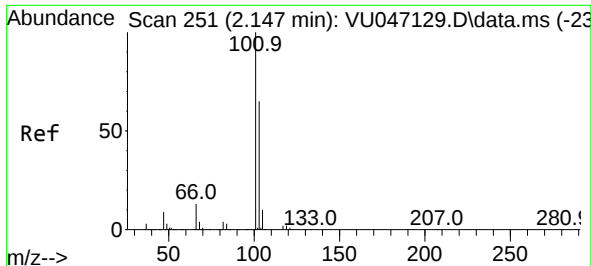


#6
Chloroethane
Concen: 1.918 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047146.D
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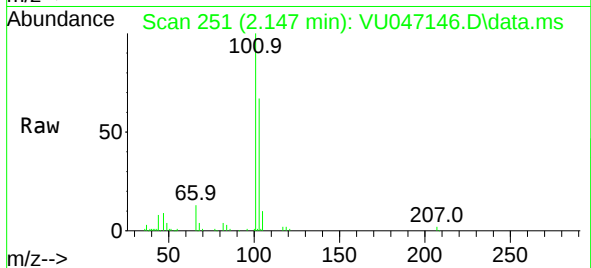
Tgt Ion: 64 Resp: 19679
Ion Ratio Lower Upper
64 100
66 31.6 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 1.934 ug/l
 RT: 2.147 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047146.D
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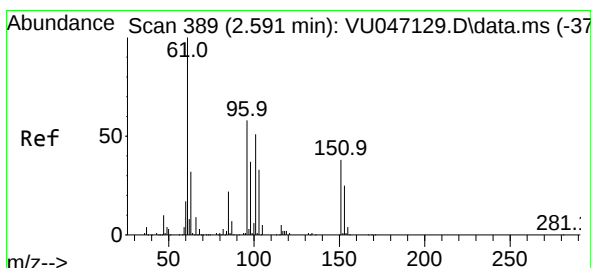
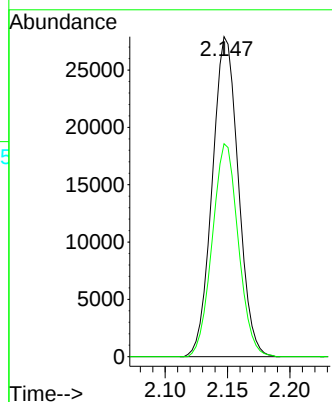
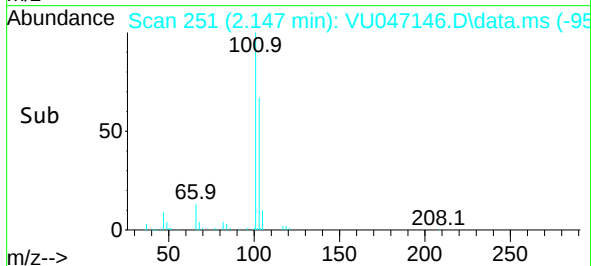
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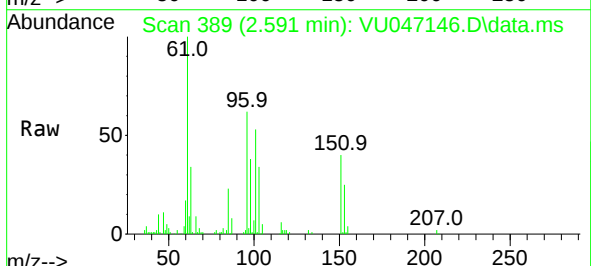
Tgt Ion:101 Resp: 4070
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.2 78.2

Manual Integrations
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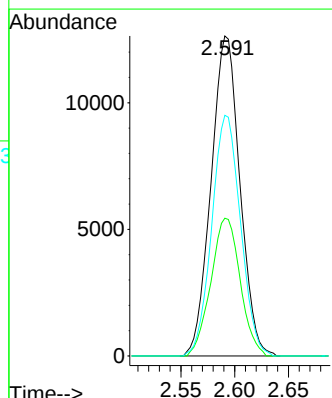
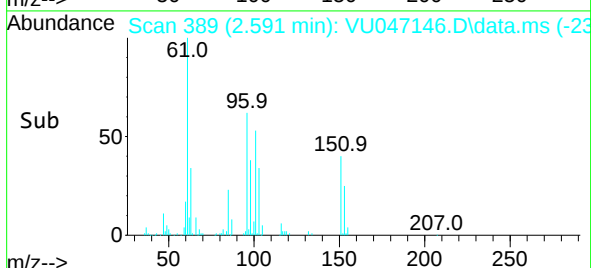
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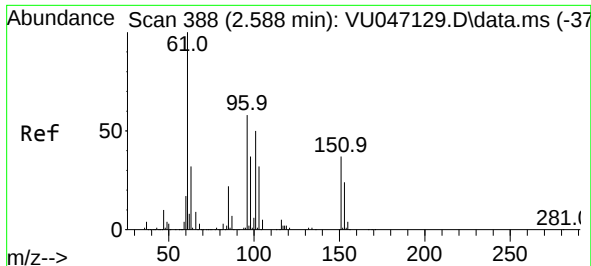


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.943 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU047146.D
 Acq: 15 Feb 2022 11:55



Tgt Ion:101 Resp: 23577
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.8 53.6
 151 74.9 54.6 81.8





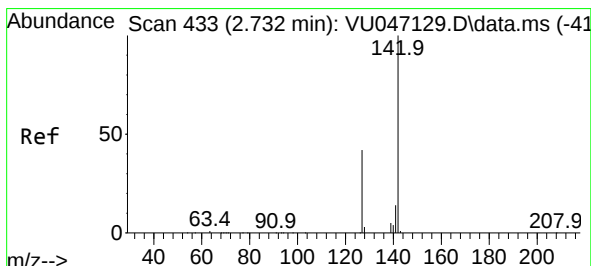
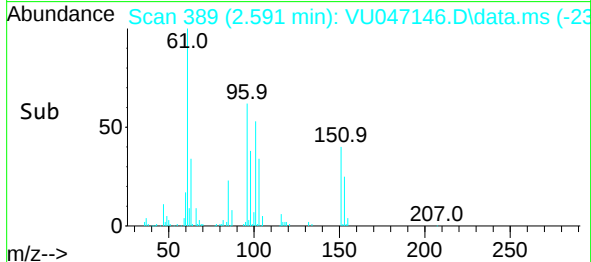
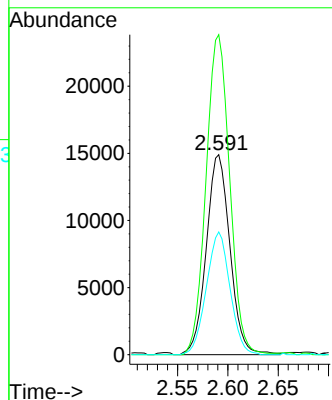
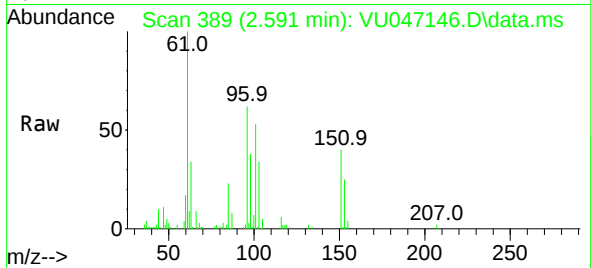
#9
1,1-Dichloroethene
Concen: 1.955 ug/l
RT: 2.591 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01

Tgt Ion: 96 Resp: 24419
Ion Ratio Lower Upper
96 100
61 160.0 0.0 514.2
98 61.4 0.0 126.4

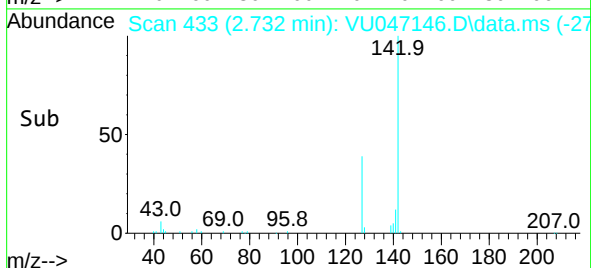
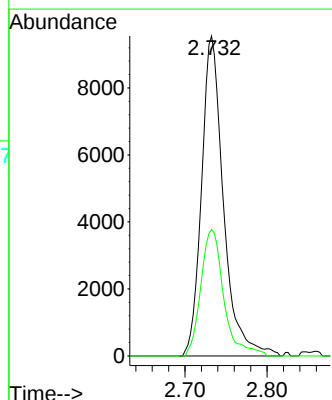
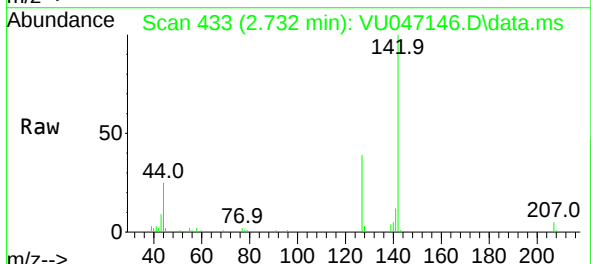
Manual Integrations
APPROVED

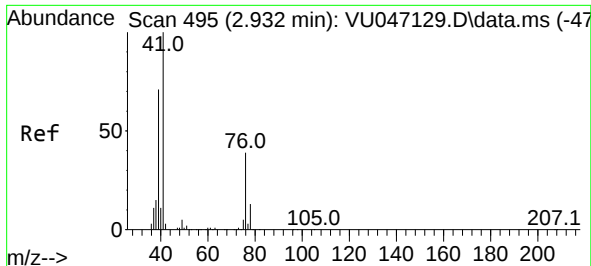
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#10
Iodomethane
Concen: 1.985 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Tgt Ion:142 Resp: 17708
Ion Ratio Lower Upper
142 100
127 41.3 33.2 49.8





#11

Allyl Chloride

Concen: 1.850 ug/l

RT: 2.932 min Scan# 495

Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

Tgt Ion: 41 Resp: 3601

Ion Ratio Lower Upper

41 100

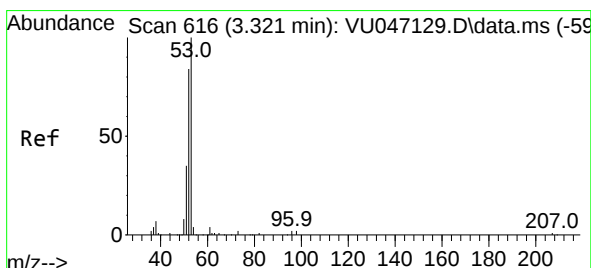
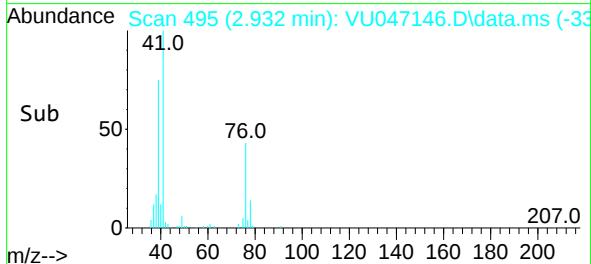
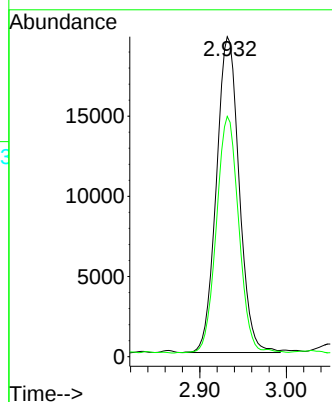
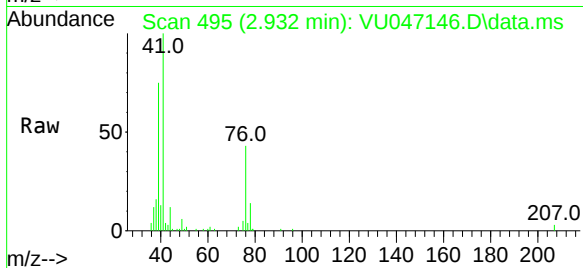
39 73.1 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#12

Acrylonitrile

Concen: 3.356 ug/l

RT: 3.327 min Scan# 618

Delta R.T. 0.006 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

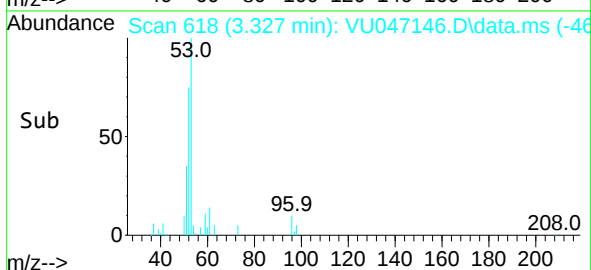
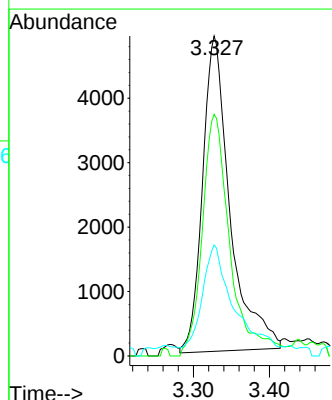
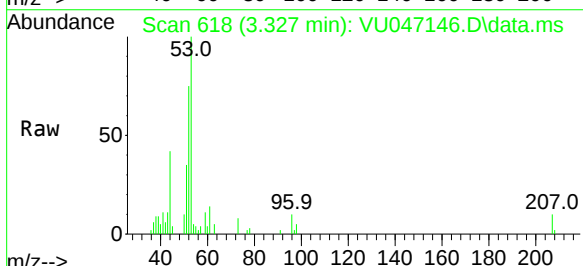
Tgt Ion: 53 Resp: 12300

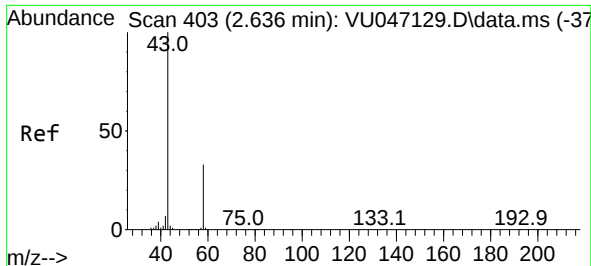
Ion Ratio Lower Upper

53 100

52 77.6 56.7 85.1

51 34.5 30.3 45.5





#13

Acetone

Concen: 10.690 ug/l

RT: 2.649 min Scan# 407

Delta R.T. 0.013 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

Tgt Ion: 43 Resp: 1899

Ion Ratio Lower Upper

43 100

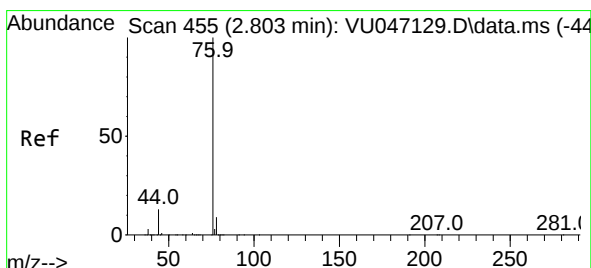
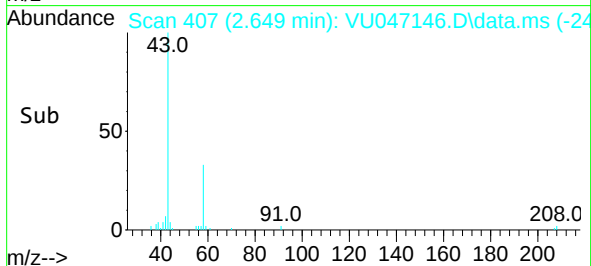
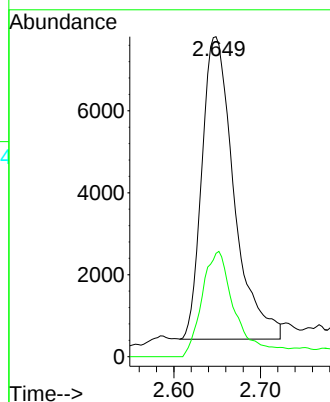
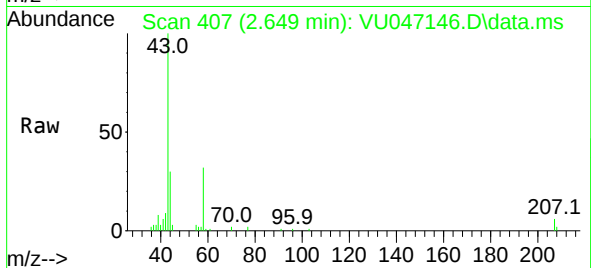
58 34.2 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#14

Carbon Disulfide

Concen: 1.919 ug/l

RT: 2.803 min Scan# 455

Delta R.T. 0.000 min

Lab File: VU047146.D

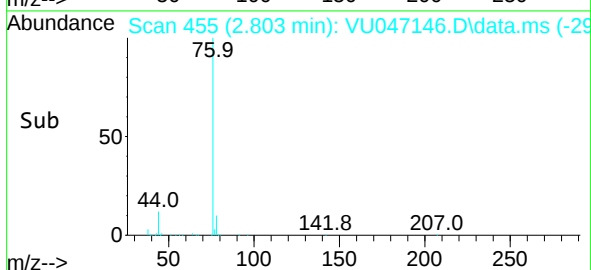
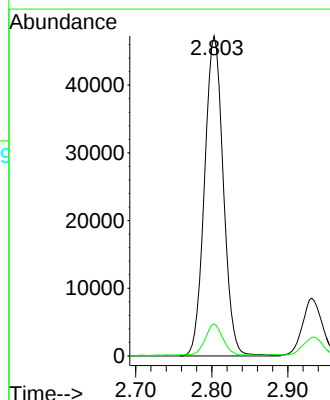
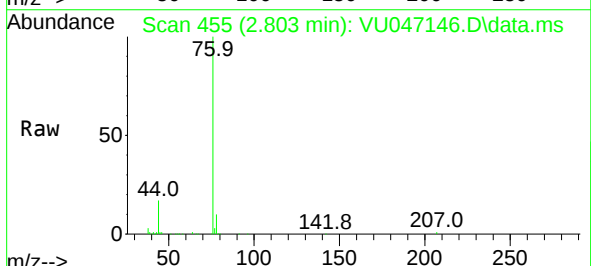
Acq: 15 Feb 2022 11:55

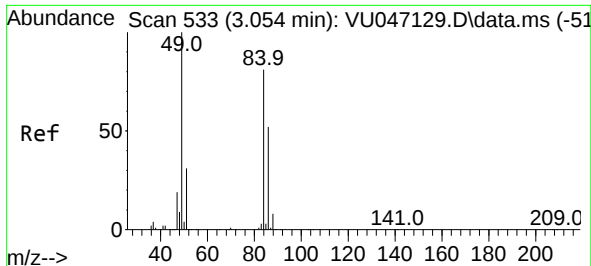
Tgt Ion: 76 Resp: 81057

Ion Ratio Lower Upper

76 100

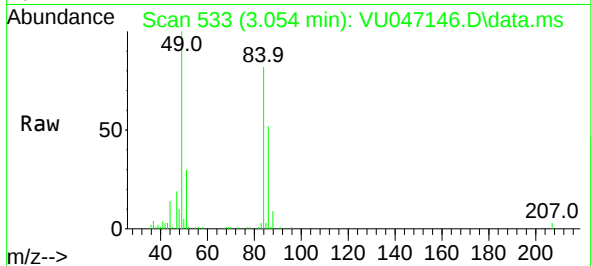
78 9.7 7.1 10.7





#15
Methylene Chloride
Concen: 1.951 ug/l
RT: 3.054 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

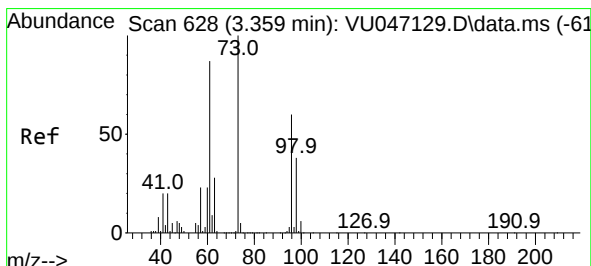
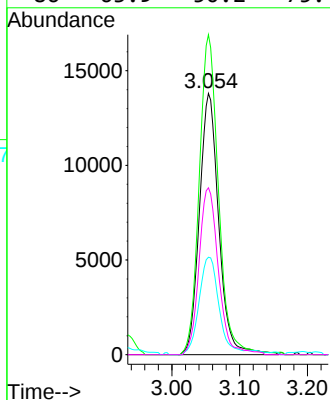
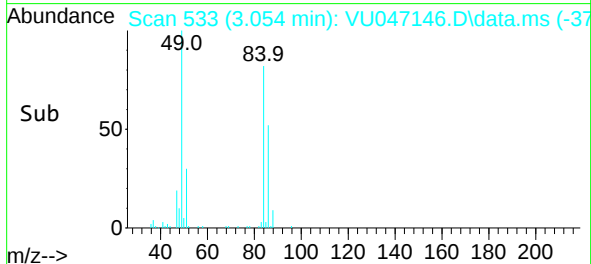
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



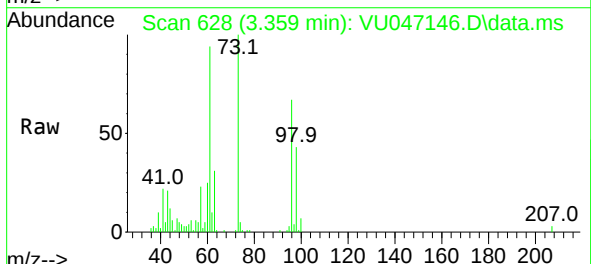
Tgt Ion:	84	Resp:	2735
Ion	Ratio	Lower	Upper
84	100		
49	122.5	97.2	145.8
51	37.3	0.0	73.4
86	63.9	50.2	75.4

Manual Integrations
APPROVED

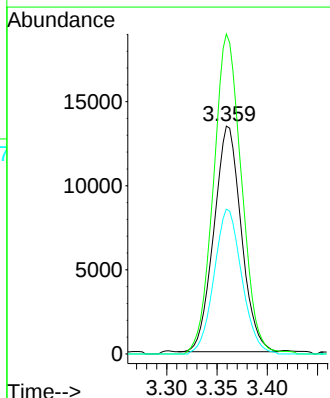
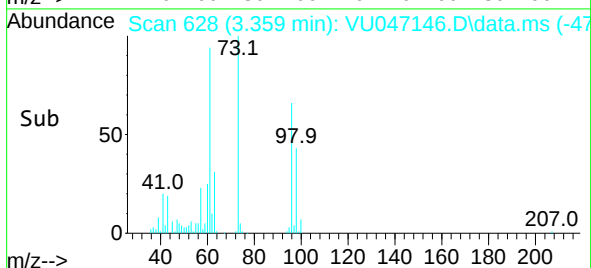
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

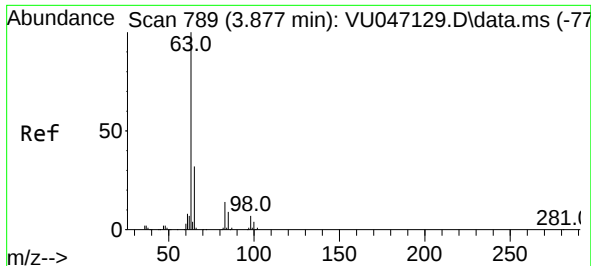


#16
trans-1,2-Dichloroethene
Concen: 1.930 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



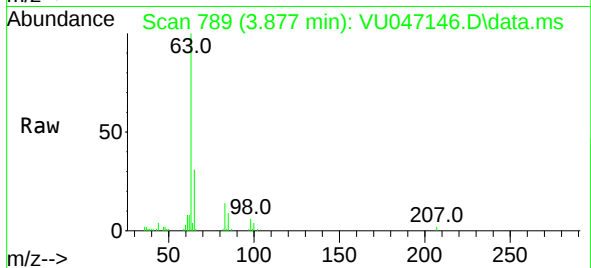
Tgt Ion:	96	Resp:	25441
Ion	Ratio	Lower	Upper
96	100		
61	141.8	115.8	173.6
98	64.2	51.1	76.7





#17
1,1-Dichloroethane
Concen: 1.889 ug/l
RT: 3.877 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

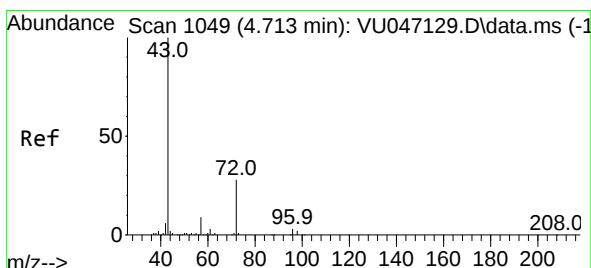
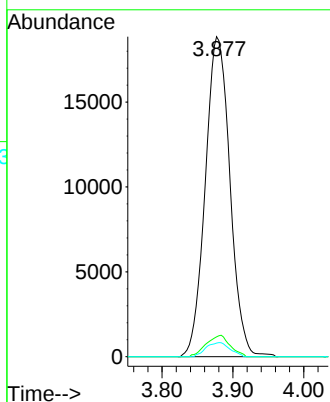
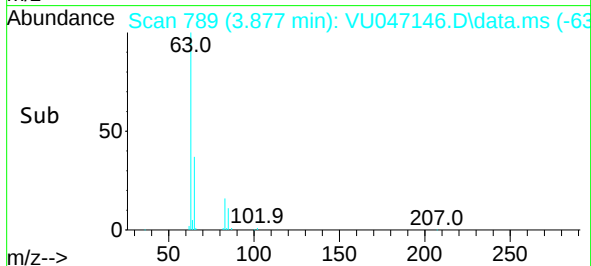
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



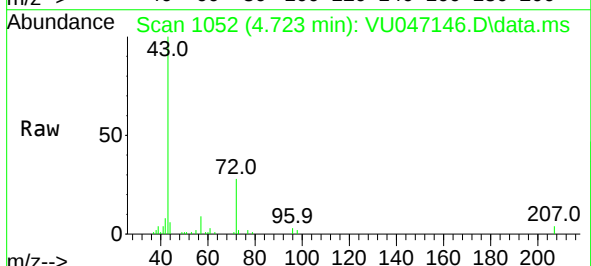
Tgt Ion: 63 Resp: 45600
Ion Ratio Lower Upper
63 100
98 6.2 3.6 10.8
100 4.2 2.1 6.5

Manual Integrations
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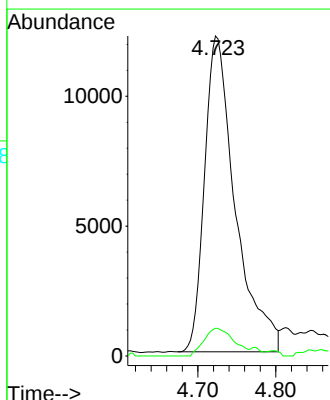
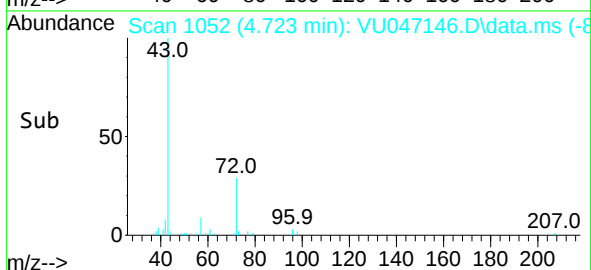
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

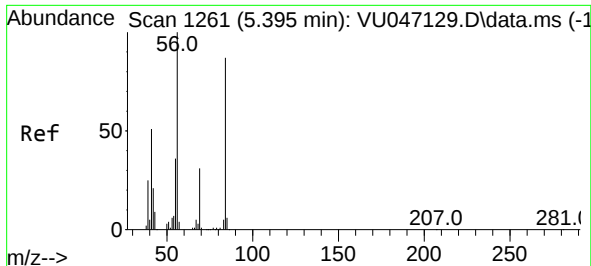


#18
2-Butanone
Concen: 9.021 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



Tgt Ion: 43 Resp: 33311
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.6





#19

Cyclohexane

Concen: 1.871 ug/l m

RT: 5.395 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

Tgt Ion: 56 Resp: 4186

Ion Ratio Lower Upper

56 100

69 31.2 24.7 37.1

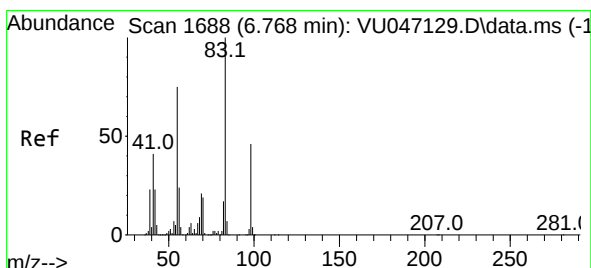
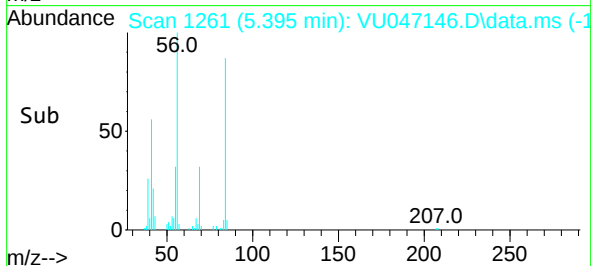
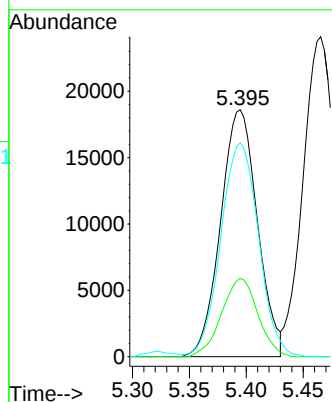
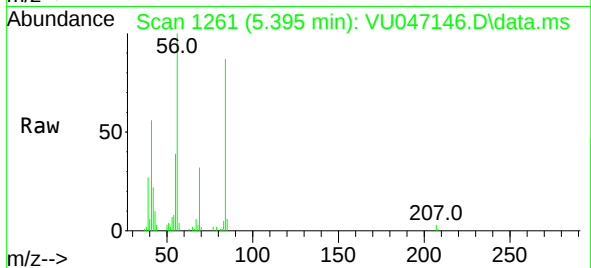
84 87.7 68.8 103.2

Manual Integrations

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Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#20

Methylcyclohexane

Concen: 1.906 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

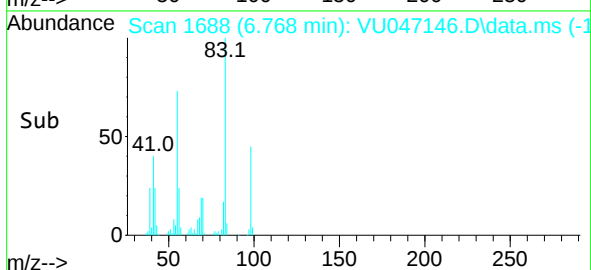
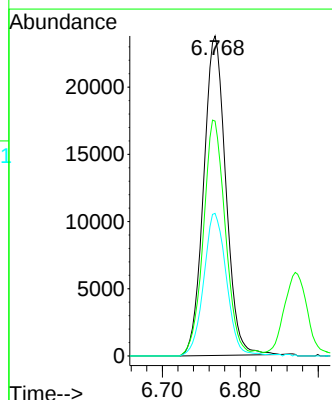
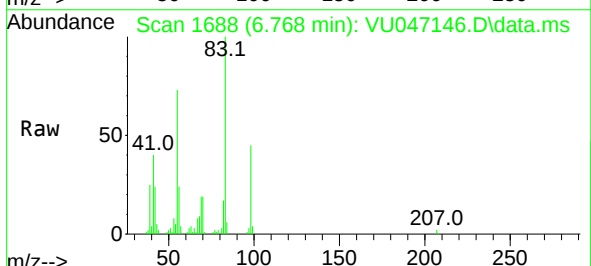
Tgt Ion: 83 Resp: 46997

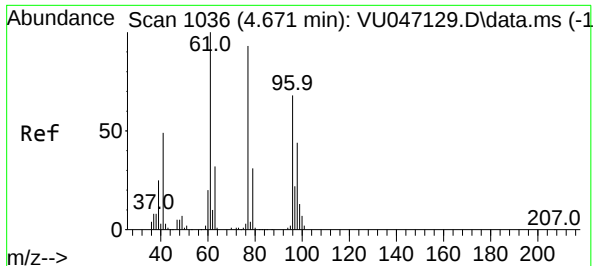
Ion Ratio Lower Upper

83 100

55 71.0 61.9 92.9

98 45.0 37.4 56.2





#21

2,2-Dichloropropane

Concen: 1.882 ug/l

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

Tgt Ion: 77 Resp: 40604

Ion Ratio Lower Upper

77 100

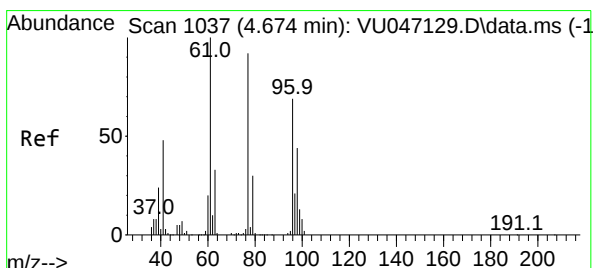
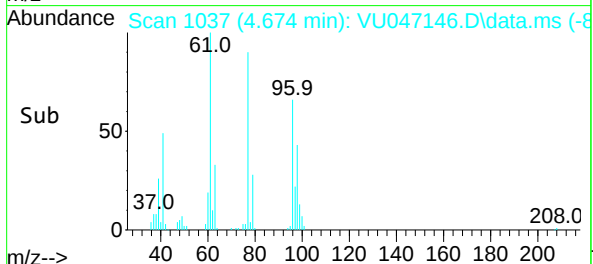
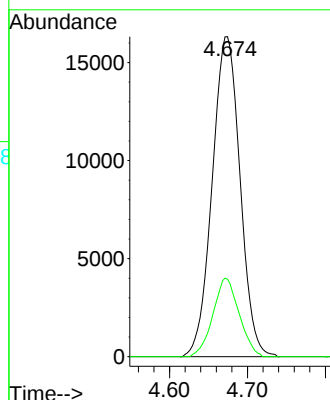
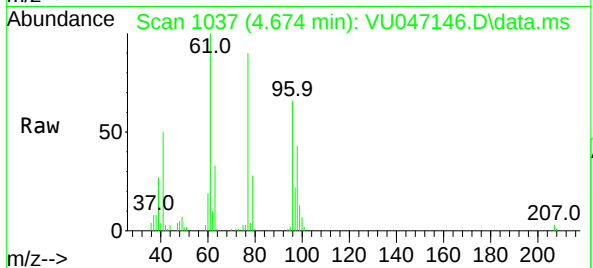
97 23.0 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#22

cis-1,2-Dichloroethene

Concen: 1.897 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

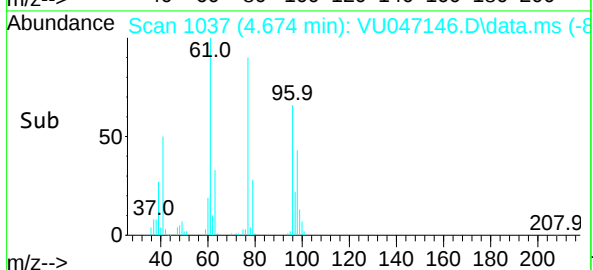
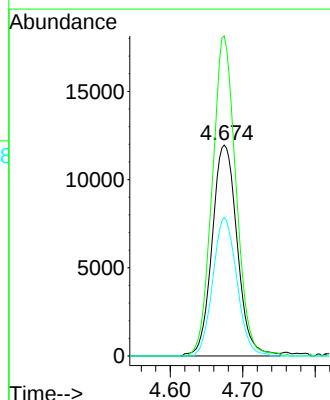
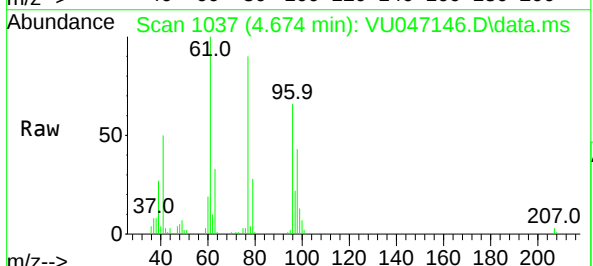
Tgt Ion: 96 Resp: 28746

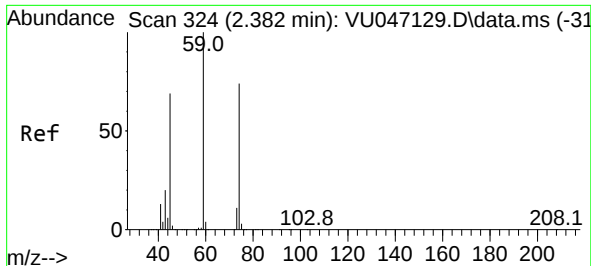
Ion Ratio Lower Upper

96 100

61 143.4 0.0 385.3

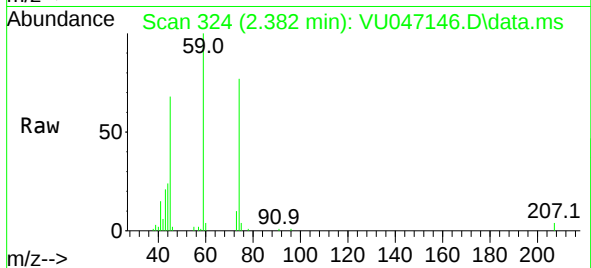
98 62.8 32.1 96.3





#23
Diethyl Ether
Concen: 1.910 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

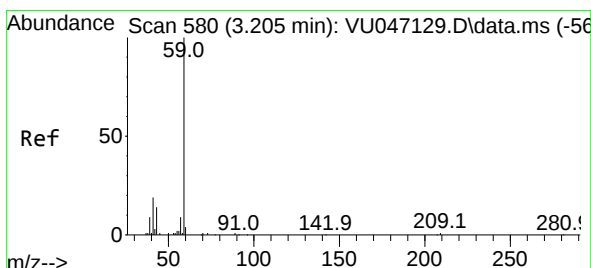
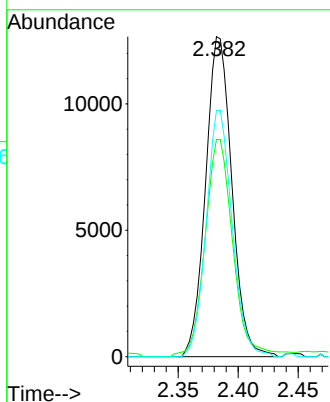
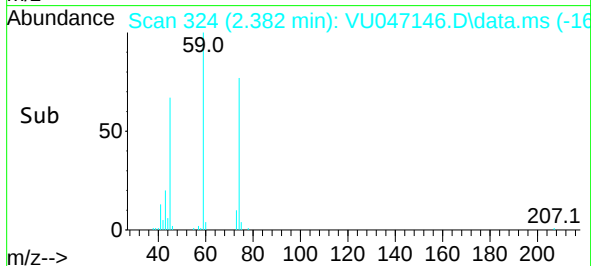
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



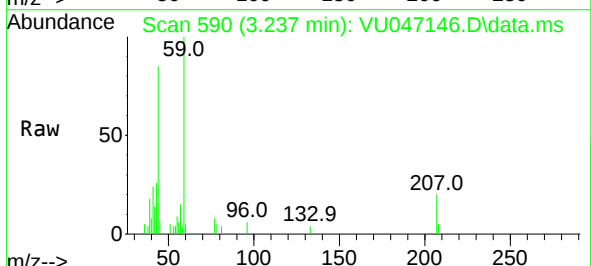
Tgt Ion: 59 Resp: 19270
Ion Ratio Lower Upper
59 100
45 72.2 55.6 83.4
74 76.0 58.1 87.1

Manual Integrations
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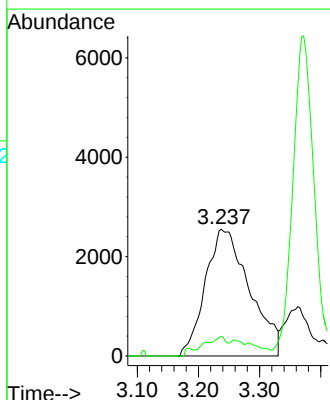
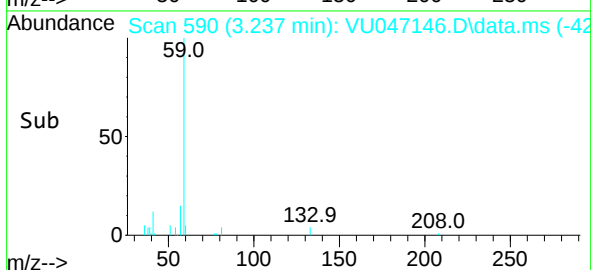
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

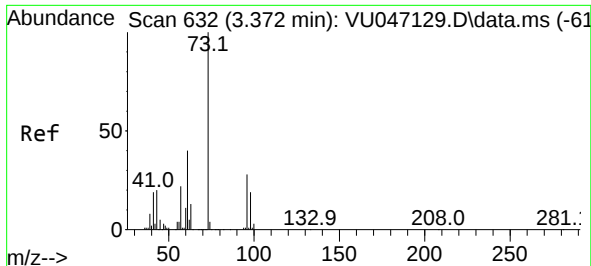


#24
tert-Butyl Alcohol
Concen: 19.521 ug/l
RT: 3.237 min Scan# 590
Delta R.T. 0.032 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



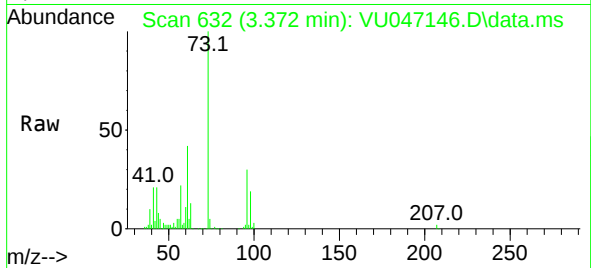
Tgt Ion: 59 Resp: 12813
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.913 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

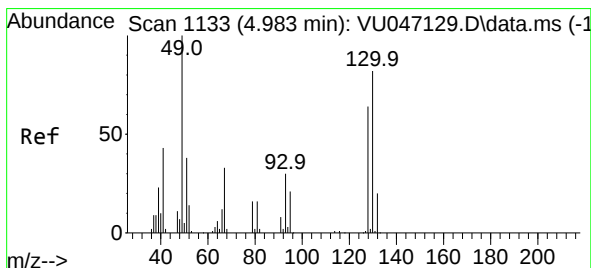
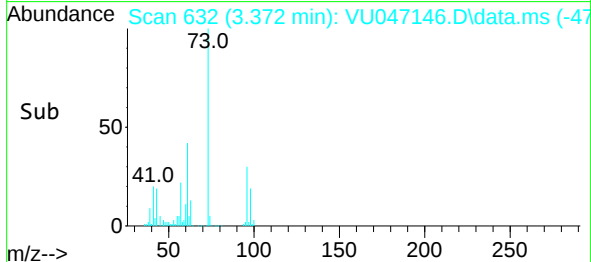
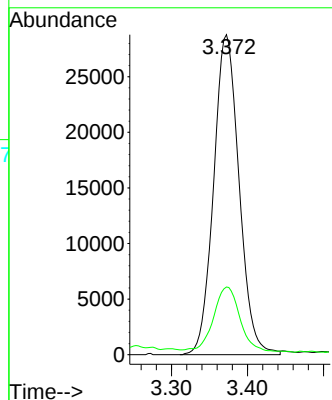
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



Tgt Ion: 73 Resp: 6700
Ion Ratio Lower Upper
73 100
43 21.7 16.3 24.5

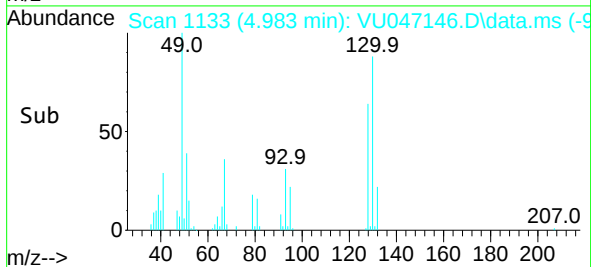
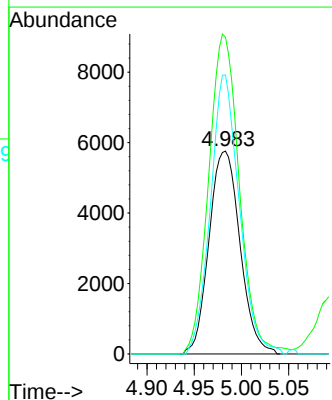
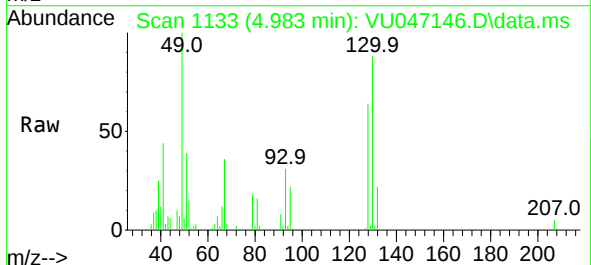
Manual Integrations
APPROVED

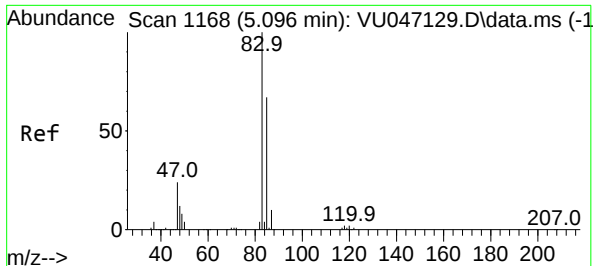
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#26
Bromochloromethane
Concen: 1.924 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Tgt Ion:128 Resp: 13111
Ion Ratio Lower Upper
128 100
49 156.5 0.0 347.4
130 128.5 101.5 152.3





#27

Chloroform

Concen: 1.893 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

Tgt Ion: 83 Resp: 4638

Ion Ratio Lower Upper

83 100

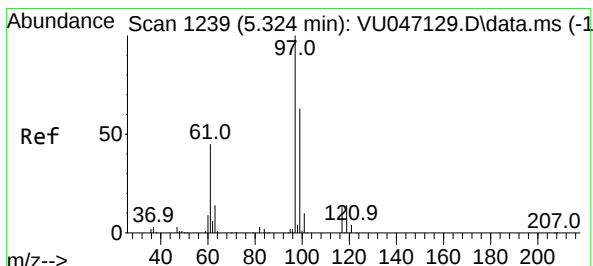
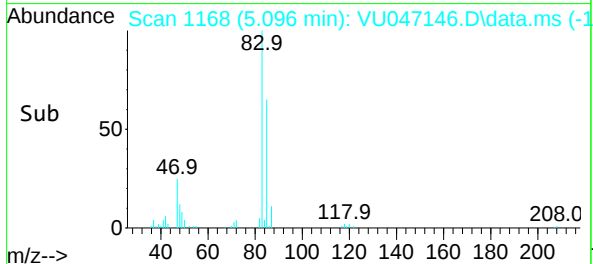
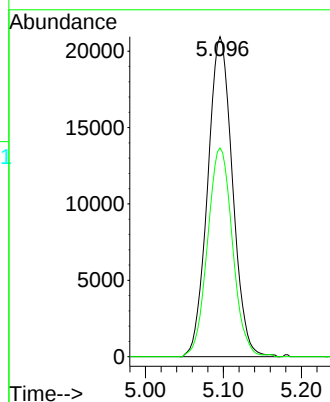
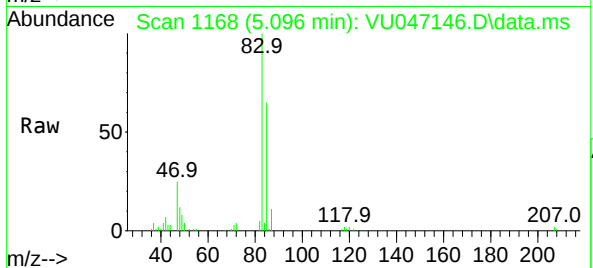
85 65.2 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#28

1,1,1-Trichloroethane

Concen: 1.908 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

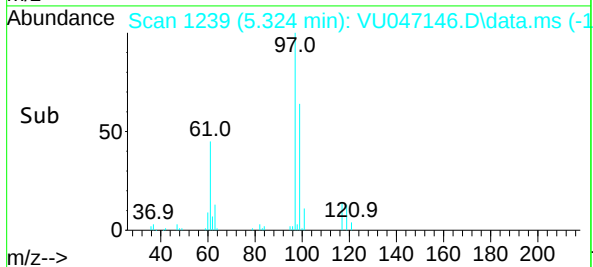
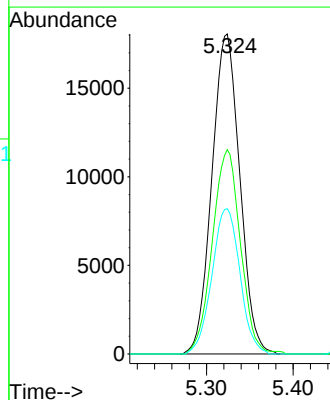
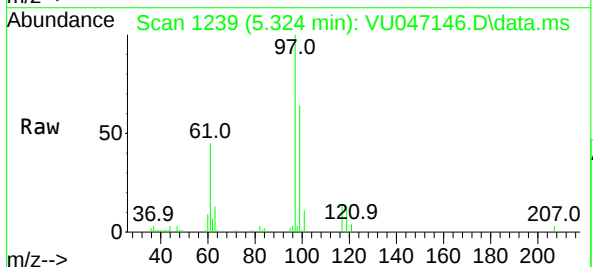
Tgt Ion: 97 Resp: 40471

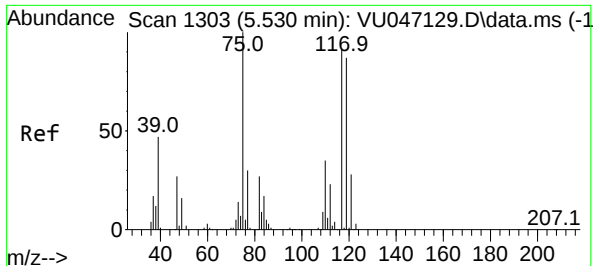
Ion Ratio Lower Upper

97 100

99 64.2 32.2 96.6

61 45.5 24.5 73.5





#29

1,1-Dichloropropene

Concen: 1.874 ug/l

RT: 5.533 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

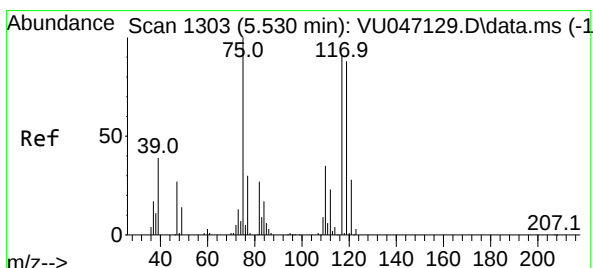
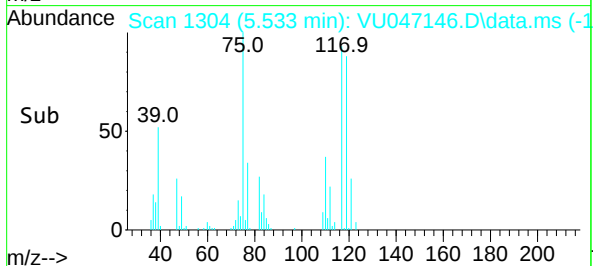
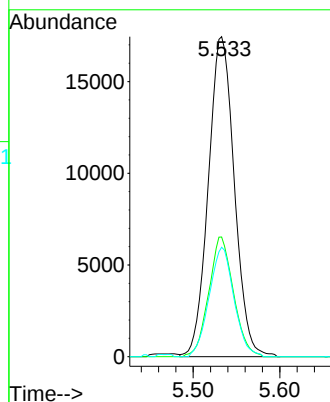
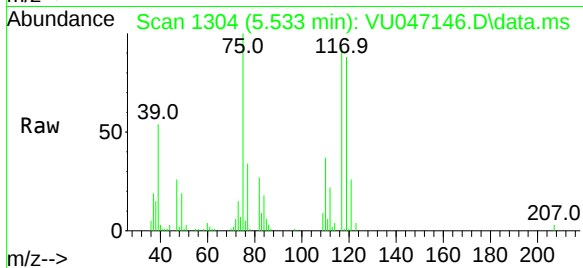
Tgt Ion: 75	Resp: 3639
Ion Ratio	Lower Upper
75	100
110	35.5 16.8 50.3
77	32.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#30

Carbon Tetrachloride

Concen: 1.900 ug/l

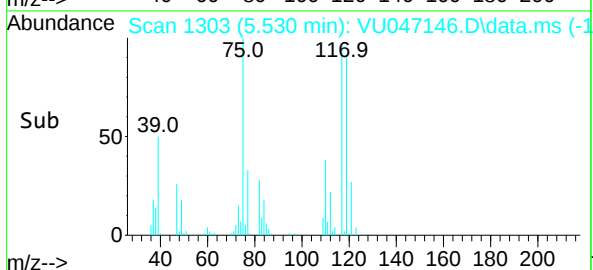
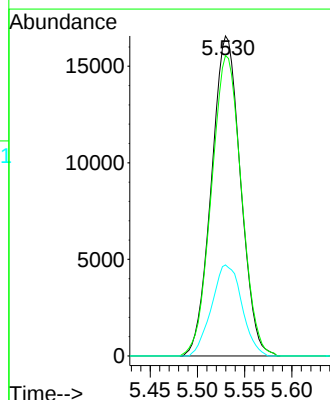
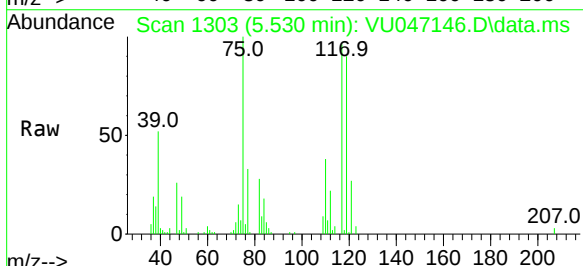
RT: 5.530 min Scan# 1303

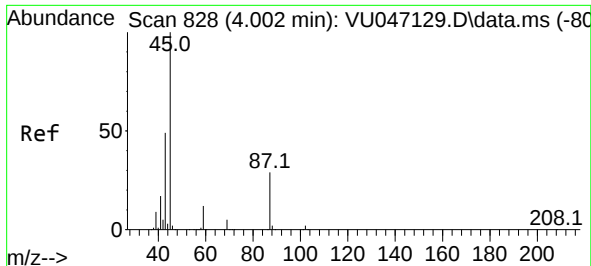
Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

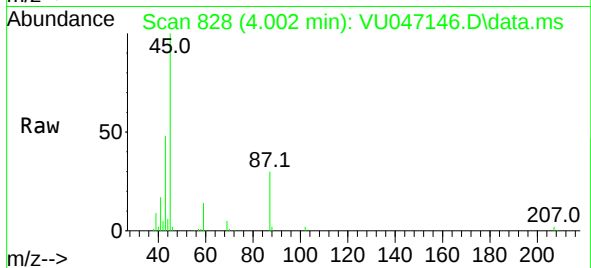
Tgt Ion:117	Resp: 35435
Ion Ratio	Lower Upper
117	100
119	93.9 76.8 115.2
121	28.5 24.6 37.0





#31
Isopropyl Ether
Concen: 1.856 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

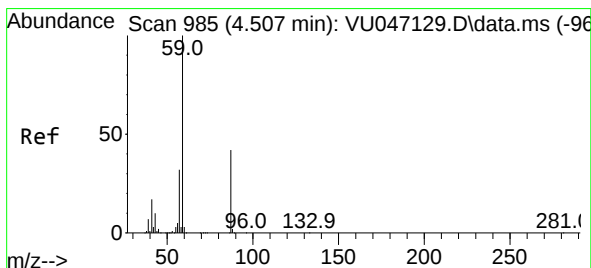
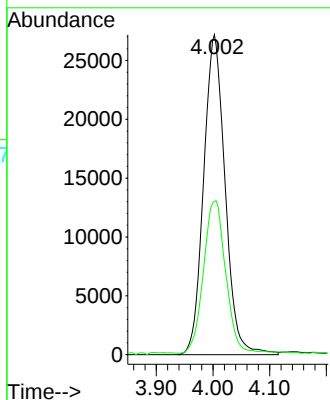
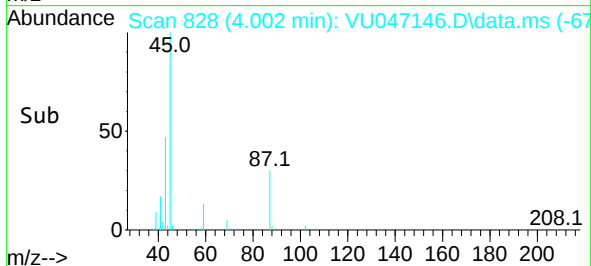
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



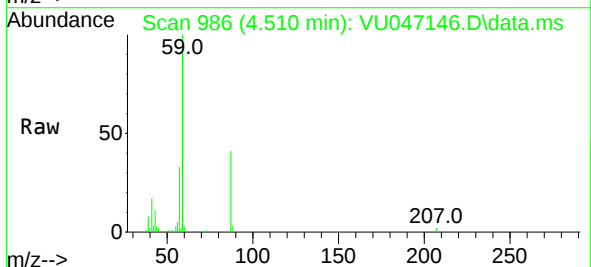
Tgt Ion: 45 Resp: 71692
Ion Ratio Lower Upper
45 100
43 48.8 25.3 75.8

Manual Integrations
APPROVED

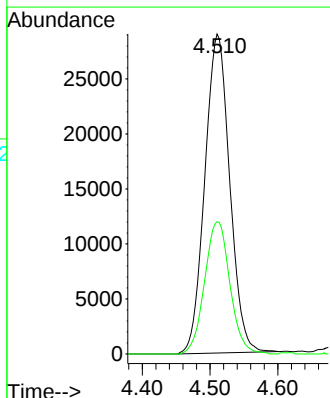
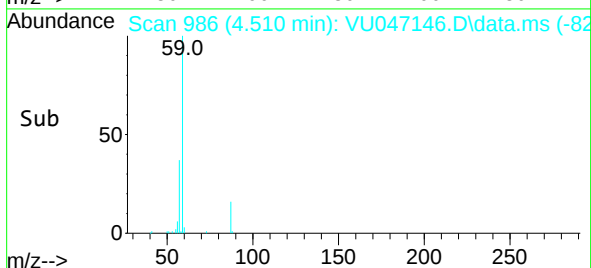
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

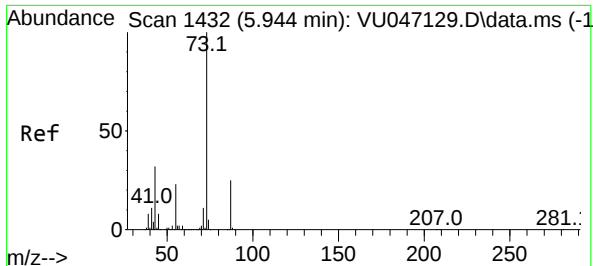


#32
Ethyl-t-butyl ether
Concen: 1.882 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



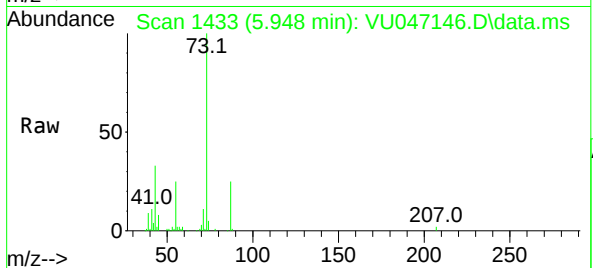
Tgt Ion: 59 Resp: 73888
Ion Ratio Lower Upper
59 100
87 42.3 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.862 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

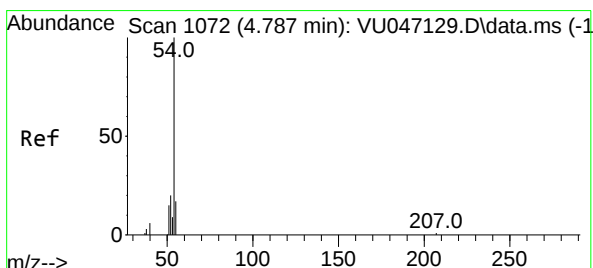
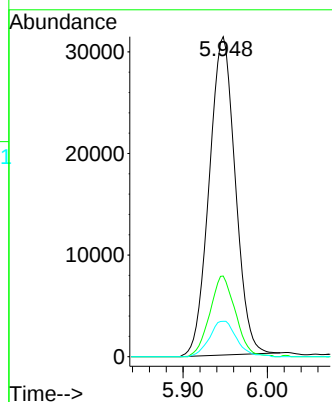
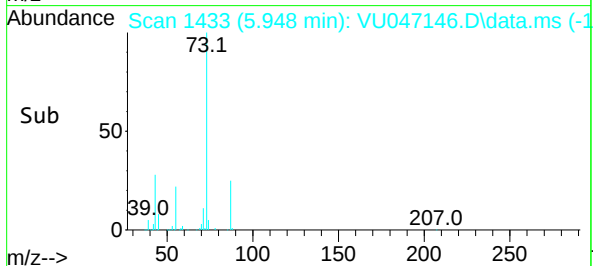
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



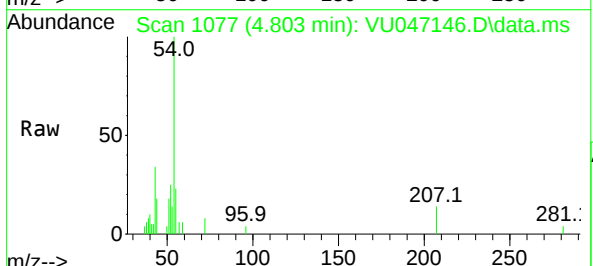
Tgt Ion: 73 Resp: 67332
Ion Ratio Lower Upper
73 100
87 25.0 18.6 28.0
71 11.6 9.0 13.6

Manual Integrations
APPROVED

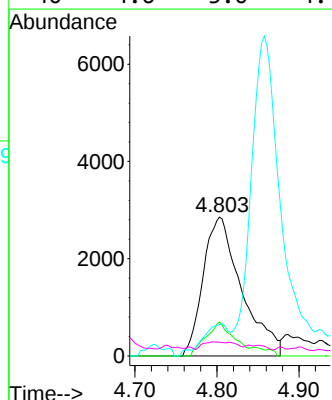
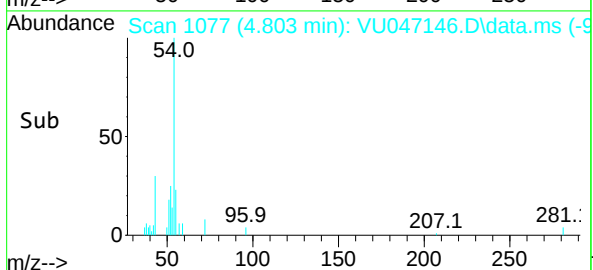
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

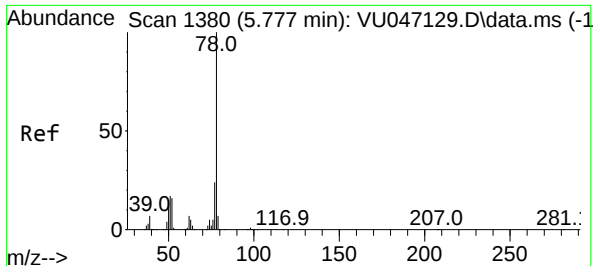


#34
Propionitrile
Concen: 10.360 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.016 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



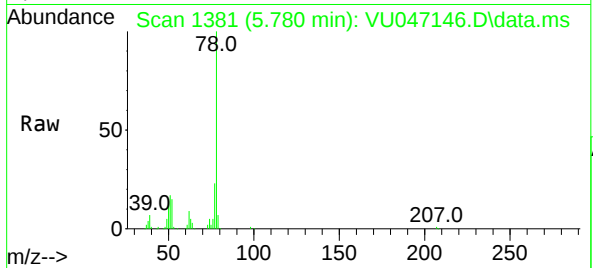
Tgt Ion: 54 Resp: 9335
Ion Ratio Lower Upper
54 100
52 17.5 11.9 17.9
55 15.5 8.0 12.0#
40 4.6 3.0 4.4#





#35
Benzene
Concen: 1.932 ug/l
RT: 5.780 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

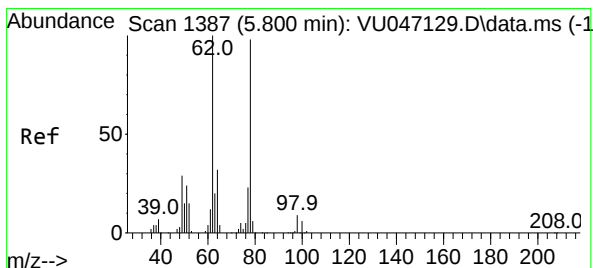
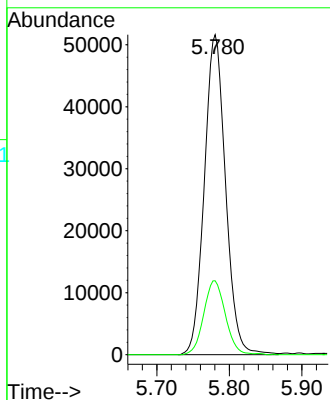
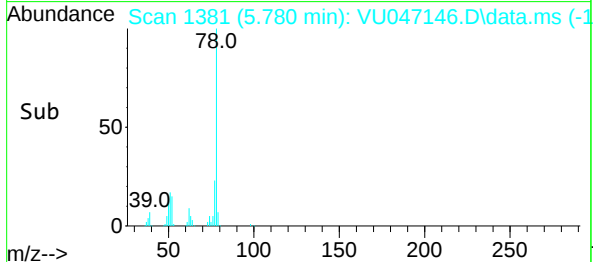
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



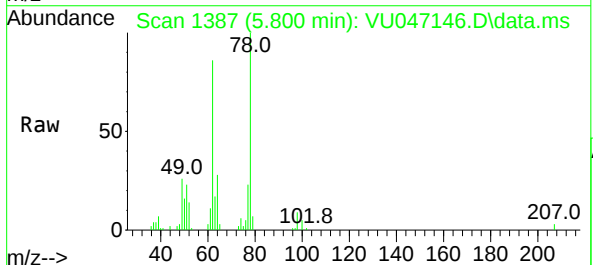
Tgt Ion: 78 Resp: 10512
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7

Manual Integrations
APPROVED

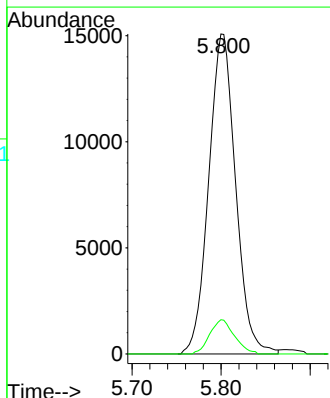
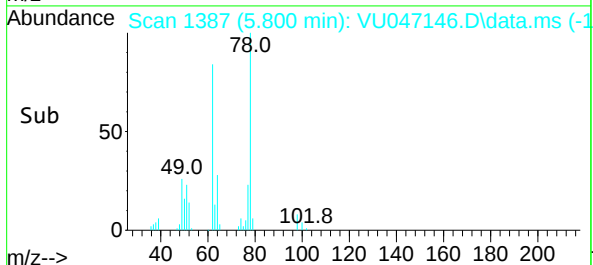
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

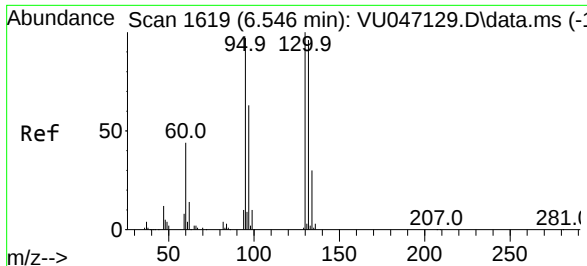


#36
1,2-Dichloroethane
Concen: 1.923 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



Tgt Ion: 62 Resp: 31682
Ion Ratio Lower Upper
62 100
98 9.8 7.3 10.9





#37

Trichloroethene

Concen: 1.924 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

Tgt Ion:130 Resp: 28992

Ion Ratio Lower Upper

130 100

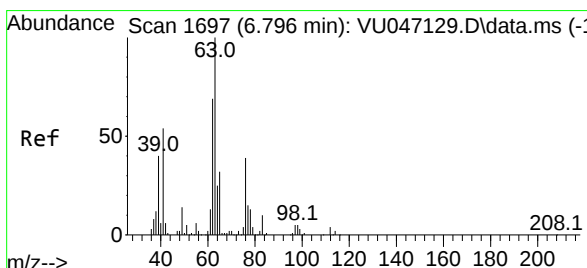
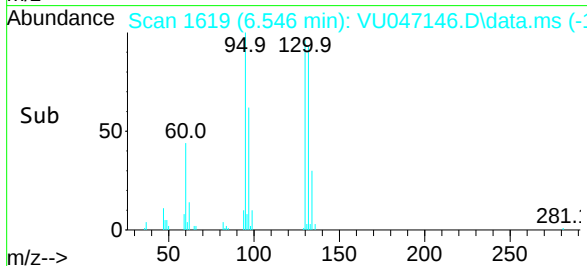
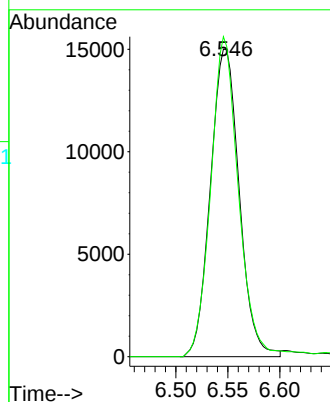
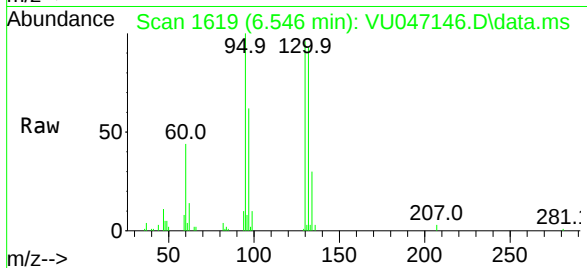
95 104.0 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#38

1,2-Dichloropropane

Concen: 1.849 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VU047146.D

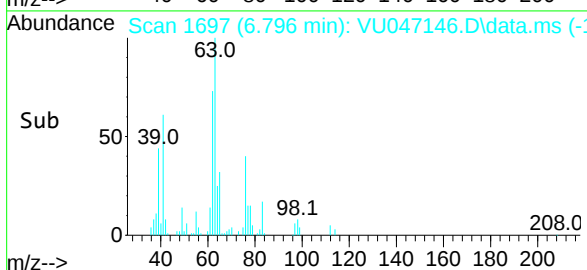
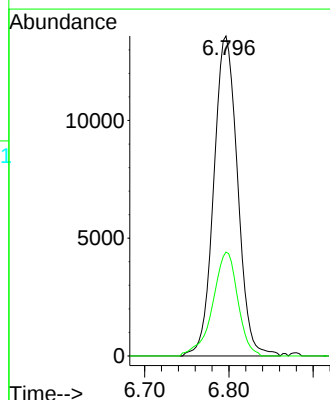
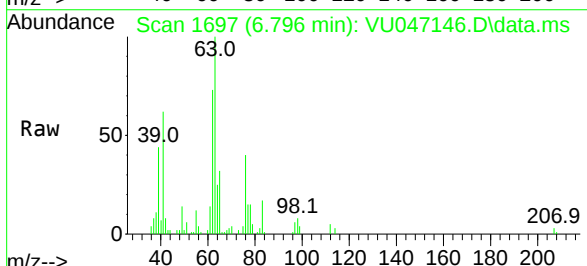
Acq: 15 Feb 2022 11:55

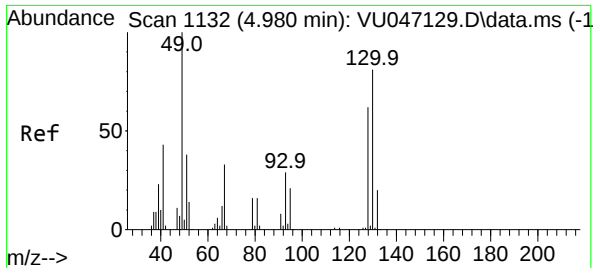
Tgt Ion: 63 Resp: 26622

Ion Ratio Lower Upper

63 100

65 32.5 24.7 37.1





#39

Methacrylonitrile

Concen: 1.926 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047146.D

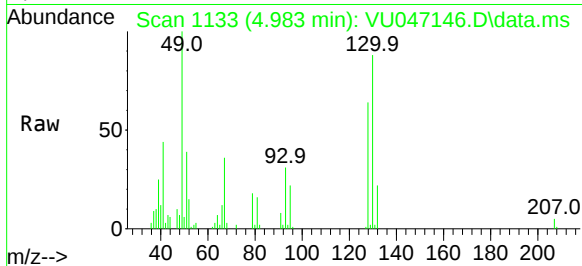
Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01



Tgt Ion: 41 Resp: 9560

Ion Ratio Lower Upper

41 100

67 77.2 65.2 97.8

39 59.6 43.0 64.6

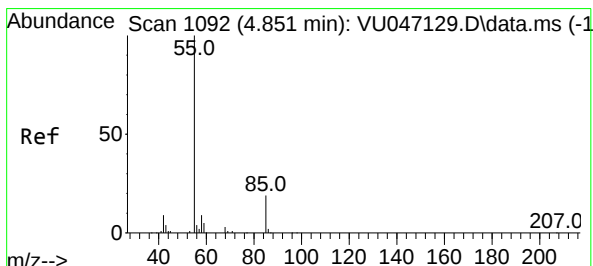
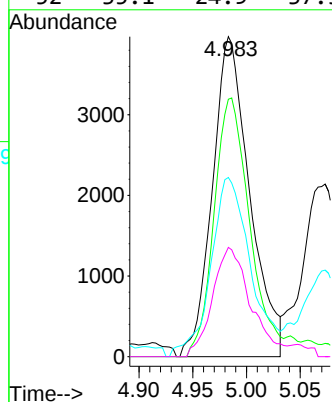
52 35.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#40

Methyl acrylate

Concen: 1.709 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.006 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Tgt Ion: 55 Resp: 14340

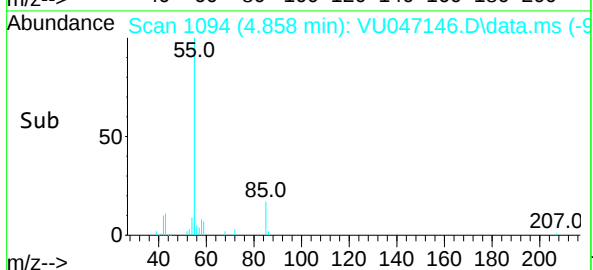
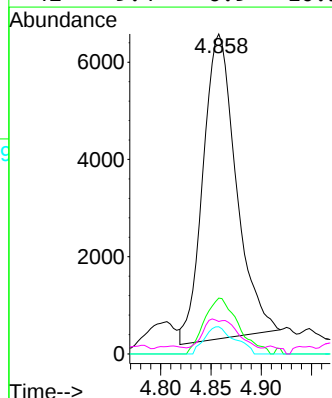
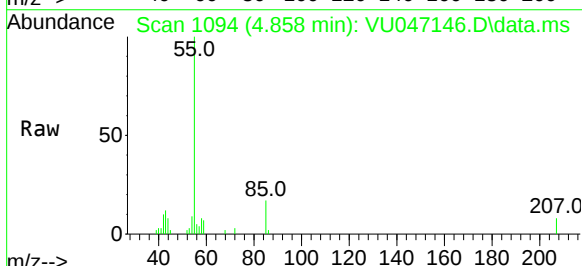
Ion Ratio Lower Upper

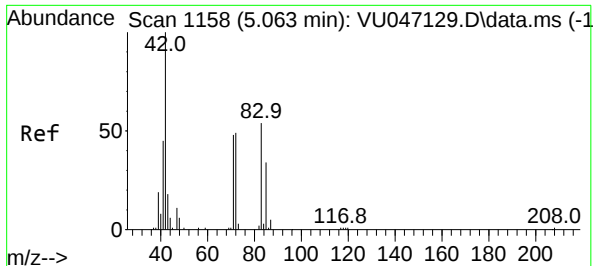
55 100

85 18.9 12.2 18.2#

58 8.1 6.7 10.1

42 9.4 6.9 10.3





#41

Tetrahydrofuran

Concen: 3.959 ug/l

RT: 5.073 min Scan# 1158

Delta R.T. 0.010 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

Tgt Ion: 42 Resp: 1000

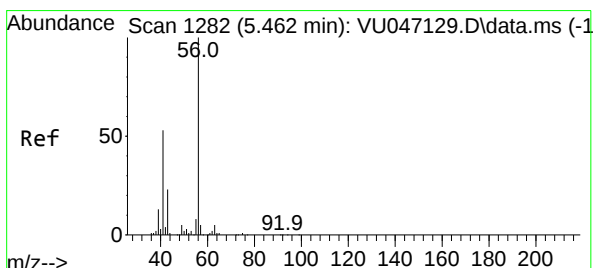
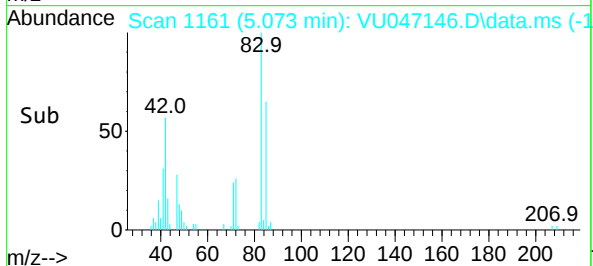
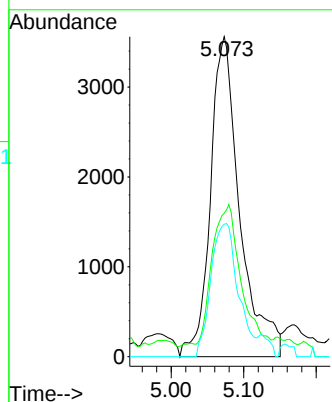
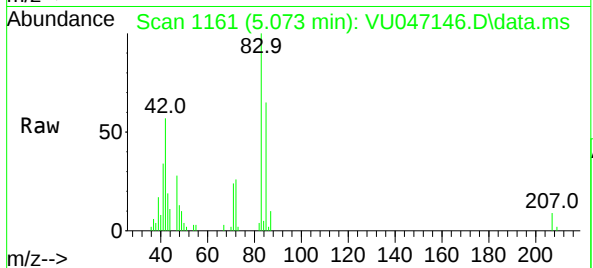
Ion	Ratio	Lower	Upper
42	100		
72	41.4	42.4	63.6
71	38.7	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#42

1-Chlorobutane

Concen: 1.888 ug/l

RT: 5.465 min Scan# 1283

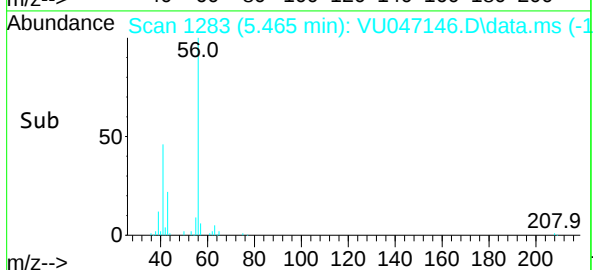
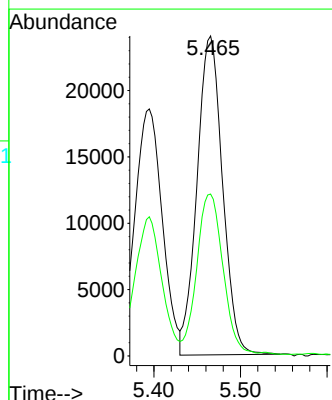
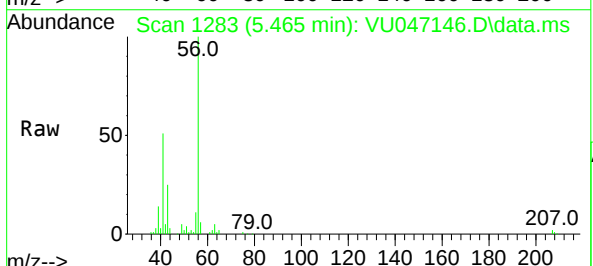
Delta R.T. 0.003 min

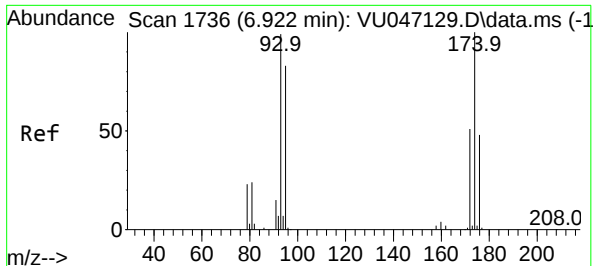
Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Tgt Ion: 56 Resp: 49221

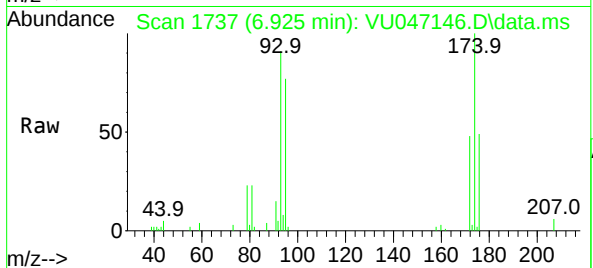
Ion	Ratio	Lower	Upper
56	100		
41	50.4	26.0	78.0





#43
Dibromomethane
Concen: 1.923 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. 0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

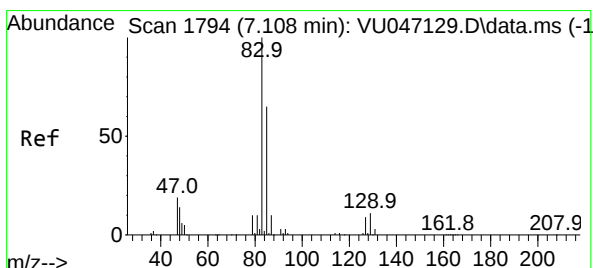
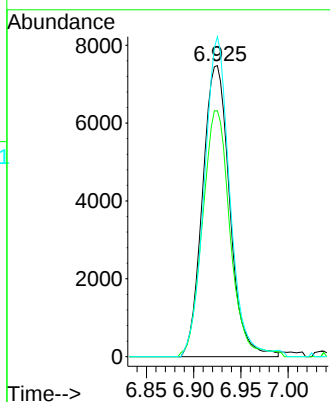
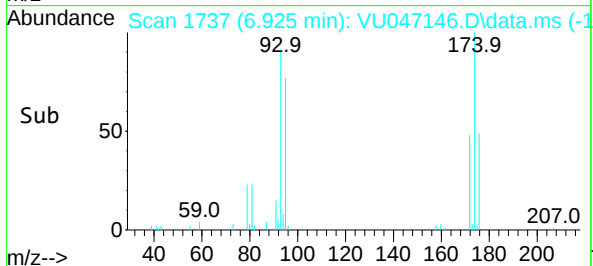
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



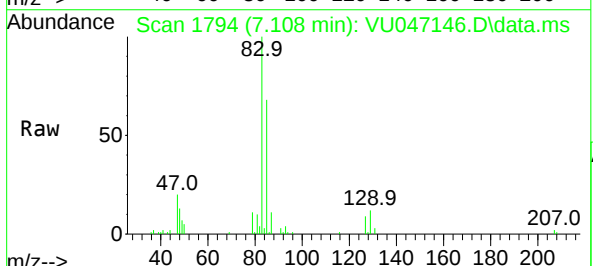
Tgt Ion: 93 Resp: 1493
Ion Ratio Lower Upper
93 100
95 85.6 66.2 99.2
174 102.6 70.7 106.1

Manual Integrations
APPROVED

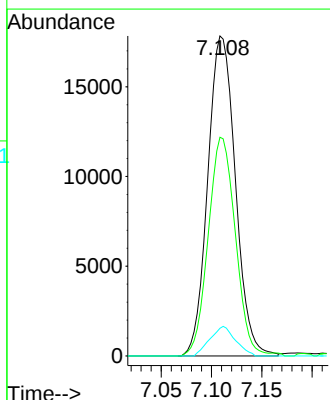
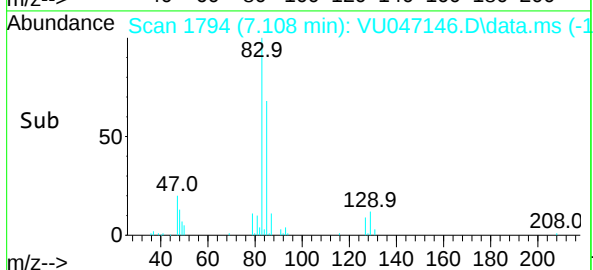
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

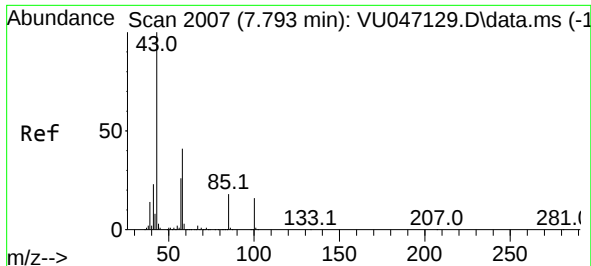


#44
Bromodichloromethane
Concen: 1.856 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



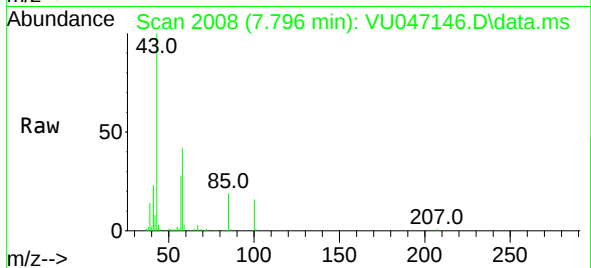
Tgt Ion: 83 Resp: 34096
Ion Ratio Lower Upper
83 100
85 68.3 50.9 76.3
127 8.6 6.0 9.0





#45
4-Methyl-2-Pentanone
Concen: 9.643 ug/l
RT: 7.796 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

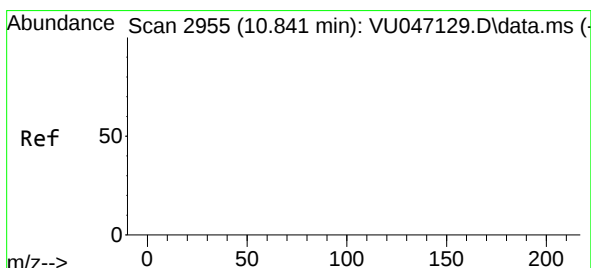
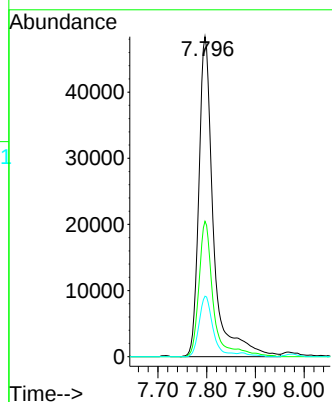
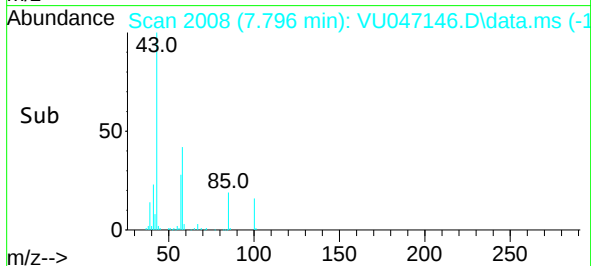
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



Tgt Ion: 43 Resp: 101279
Ion Ratio Lower Upper
43 100
58 39.1 21.0 63.0
85 18.0 14.8 22.2

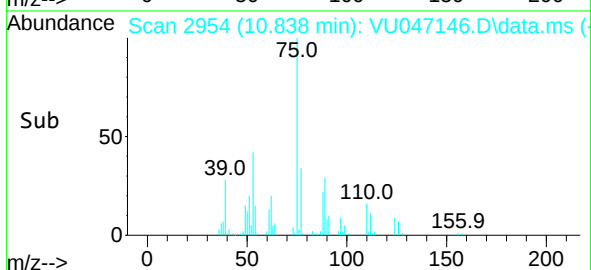
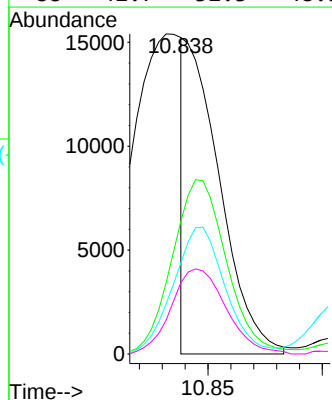
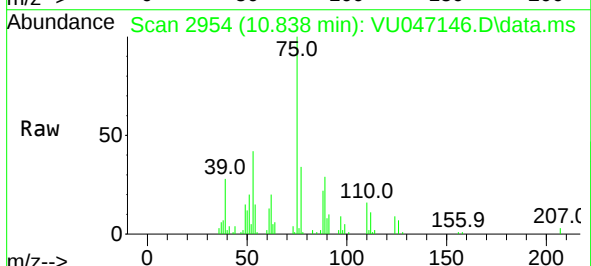
Manual Integrations
APPROVED

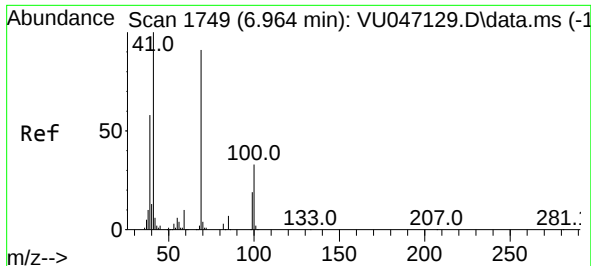
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#46
t-1,4-Dichloro-2-butene
Concen: 3.499 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Tgt Ion: 75 Resp: 15997
Ion Ratio Lower Upper
75 100
53 86.7 66.8 100.2
89 60.4 41.7 62.5
88 42.7 32.3 48.5





#47

Methyl methacrylate

Concen: 3.657 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU047146.D

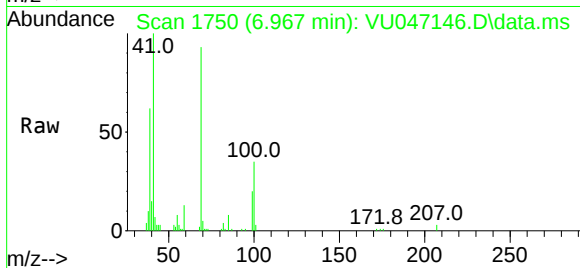
Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01



Tgt Ion: 69 Resp: 2978

Ion Ratio Lower Upper

69 100

41 110.3 0.0 230.0

39 64.6 55.1 82.7

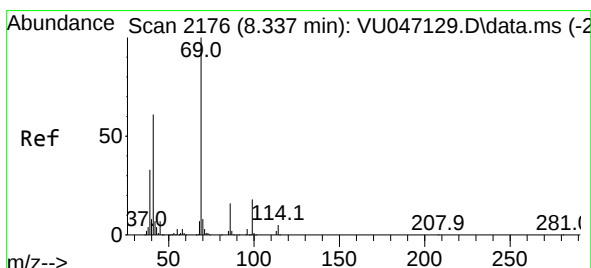
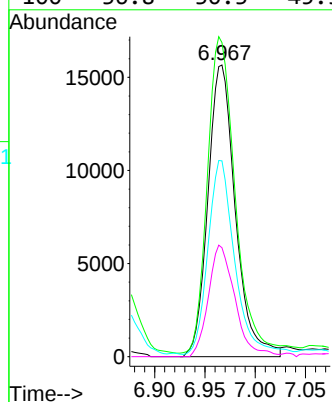
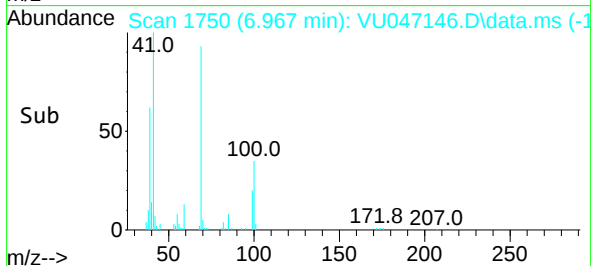
100 36.8 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#48

Ethyl methacrylate

Concen: 1.849 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047146.D

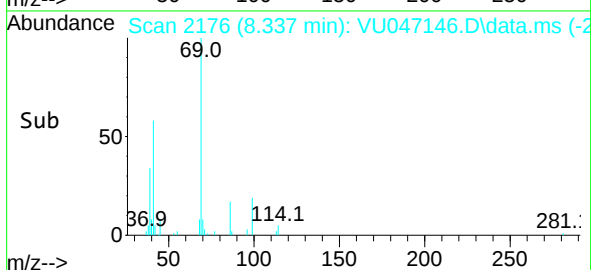
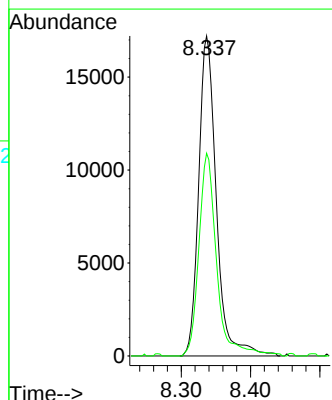
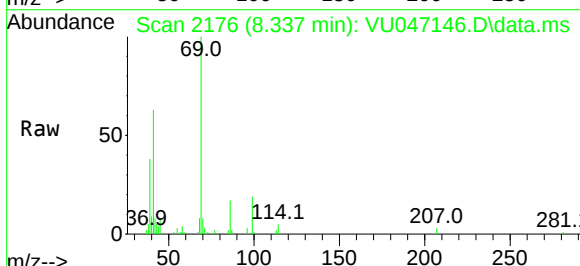
Acq: 15 Feb 2022 11:55

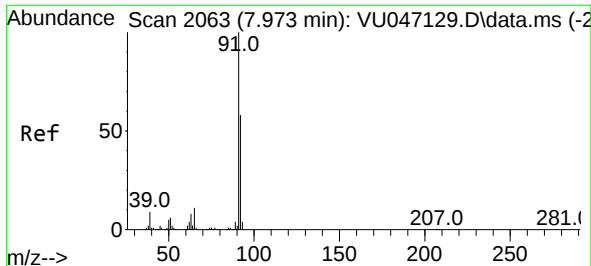
Tgt Ion: 69 Resp: 30532

Ion Ratio Lower Upper

69 100

41 63.9 32.6 98.0





#49

Toluene

Concen: 1.902 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047146.D

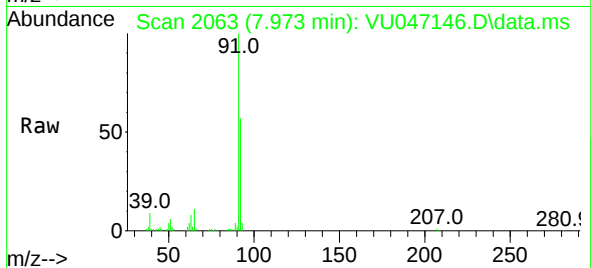
Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01



Tgt Ion: 92 Resp: 66769

Ion Ratio Lower Upper

92 100

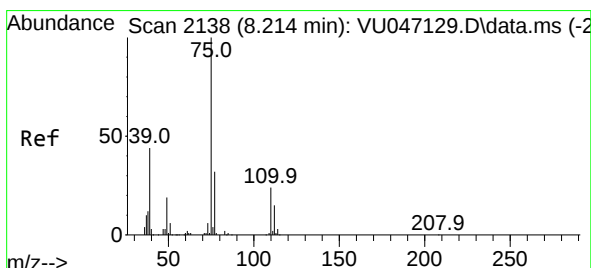
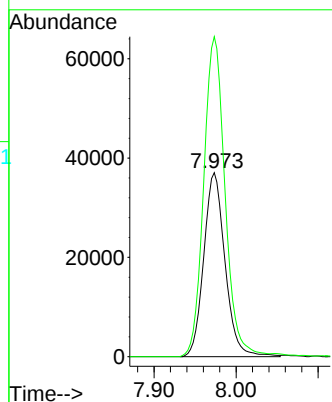
91 174.0 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#50

t-1,3-Dichloropropene

Concen: 1.828 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047146.D

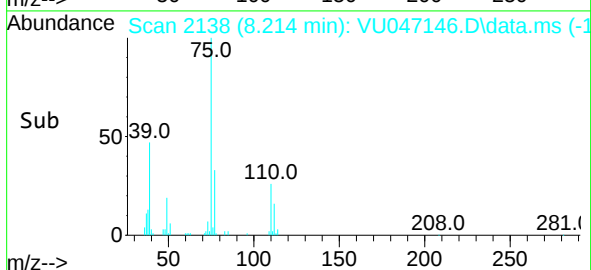
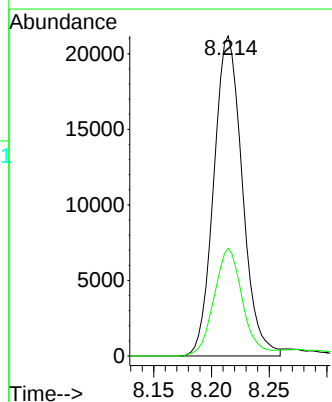
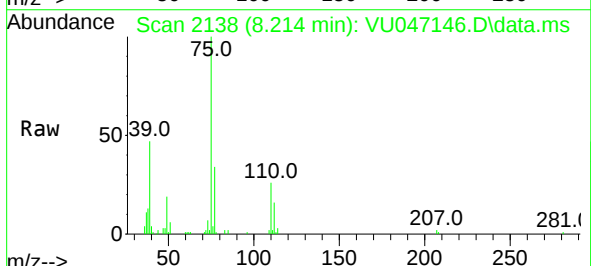
Acq: 15 Feb 2022 11:55

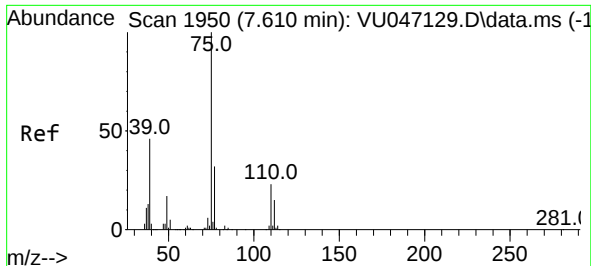
Tgt Ion: 75 Resp: 36347

Ion Ratio Lower Upper

75 100

77 33.7 25.6 38.4





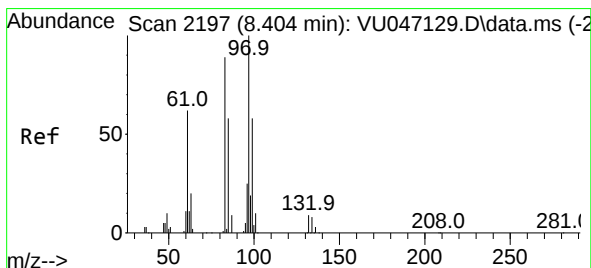
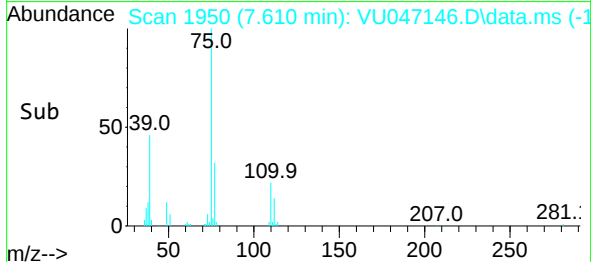
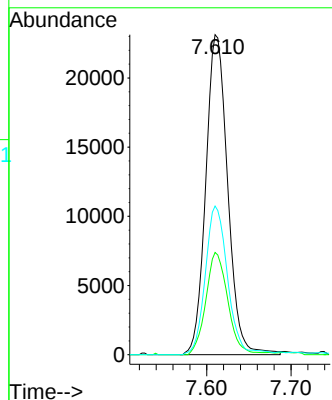
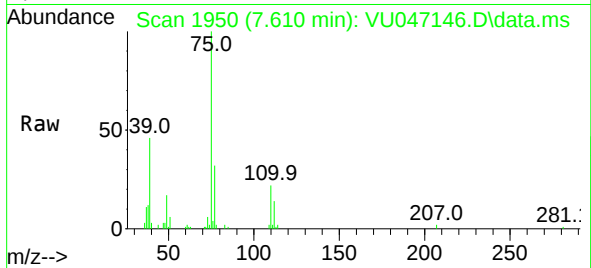
#51
cis-1,3-Dichloropropene
Concen: 1.882 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01

Tgt Ion: 75 Resp: 41948
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 46.5 38.6 57.8

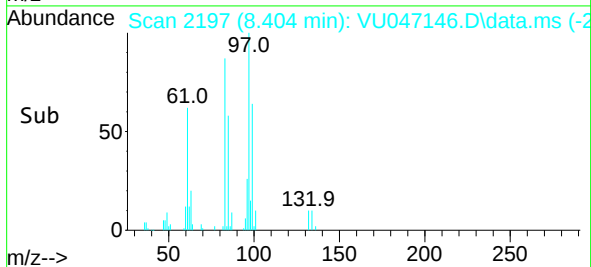
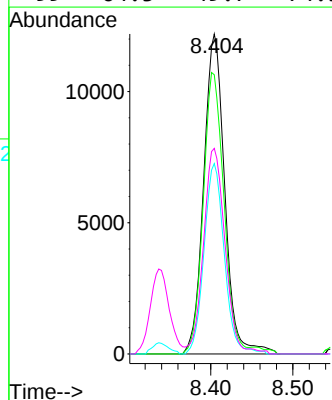
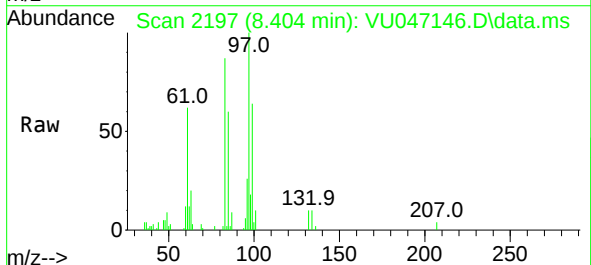
Manual Integrations
APPROVED

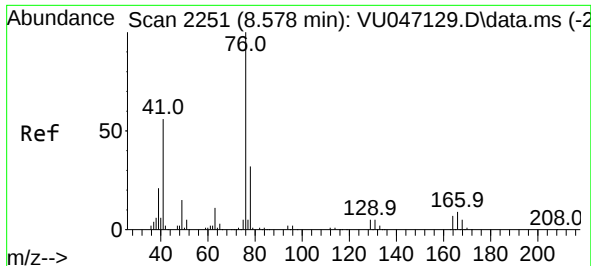
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#52
1,1,2-Trichloroethane
Concen: 1.962 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Tgt Ion: 97 Resp: 21742
Ion Ratio Lower Upper
97 100
83 87.2 69.8 104.8
85 59.5 44.2 66.4
99 64.3 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.907 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

Tgt Ion: 76 Resp: 3775

Ion Ratio Lower Upper

76 100

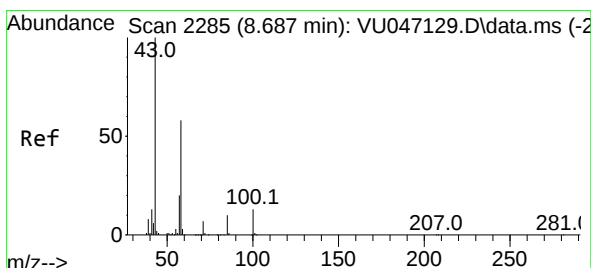
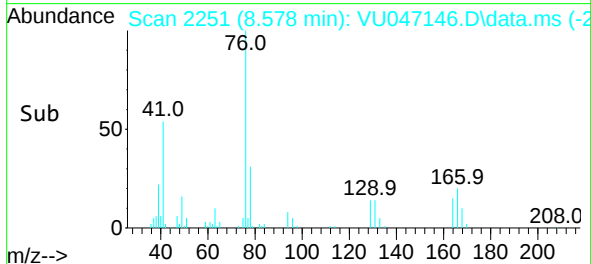
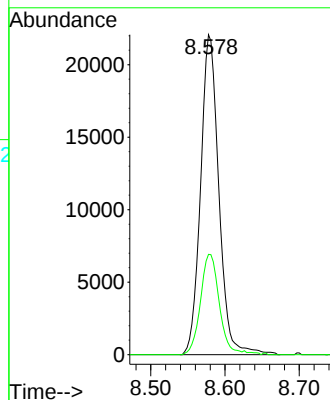
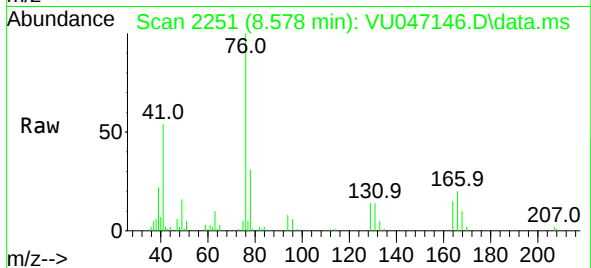
78 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#54

2-Hexanone

Concen: 9.417 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

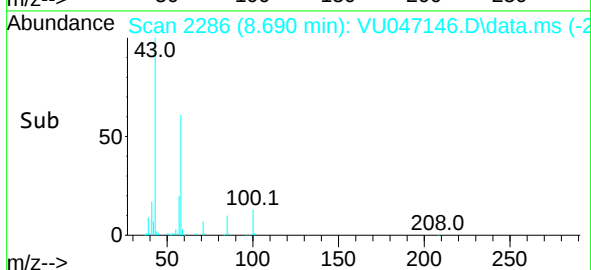
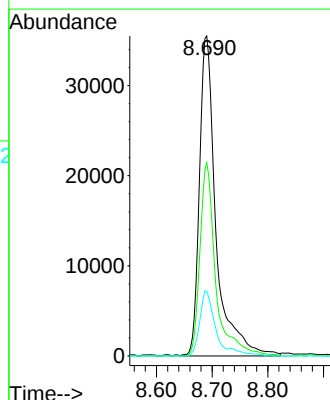
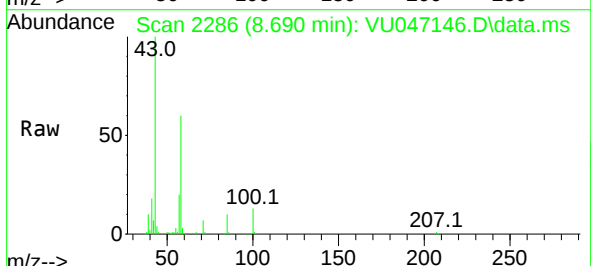
Tgt Ion: 43 Resp: 73687

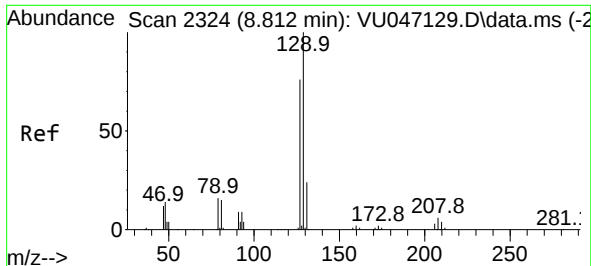
Ion Ratio Lower Upper

43 100

58 57.4 37.7 77.7

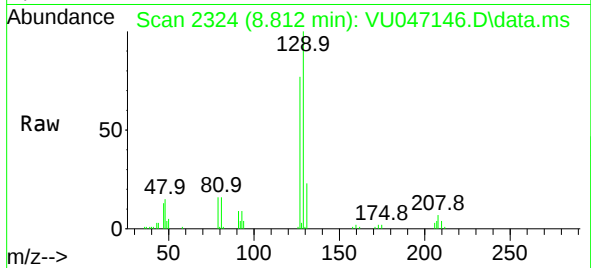
57 17.9 0.5 40.5





#55
Dibromochloromethane
Concen: 1.911 ug/l
RT: 8.812 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

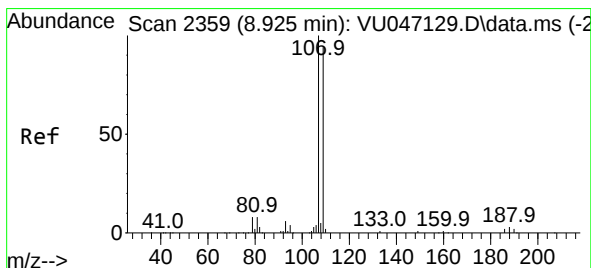
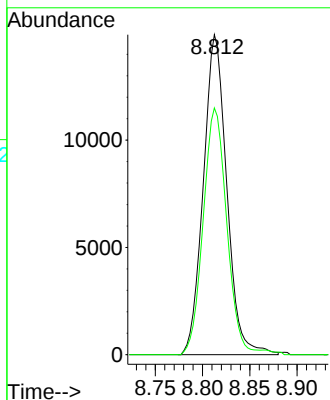
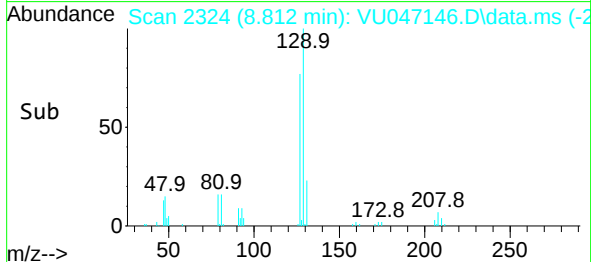
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



Tgt Ion:129 Resp: 25740
Ion Ratio Lower Upper
129 100
127 78.0 62.2 93.4

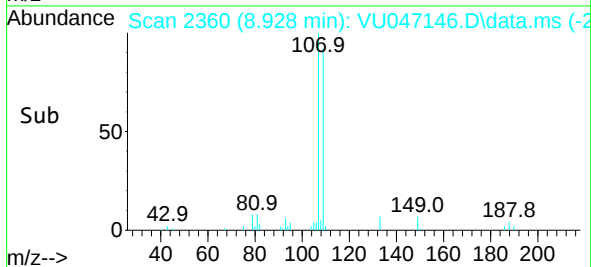
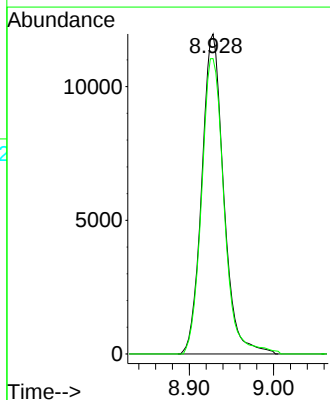
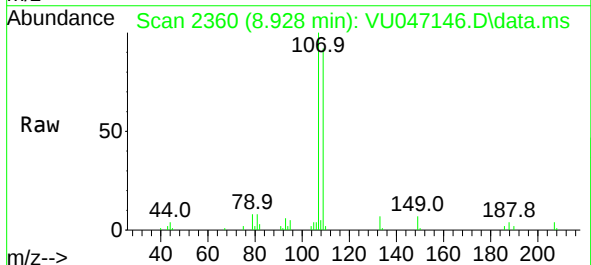
Manual Integrations
APPROVED

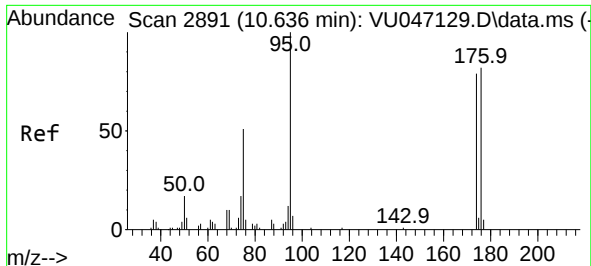
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#56
1,2-Dibromoethane
Concen: 1.934 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

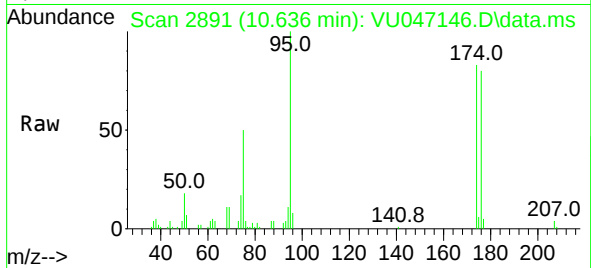
Tgt Ion:107 Resp: 21652
Ion Ratio Lower Upper
107 100
109 95.0 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.003 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

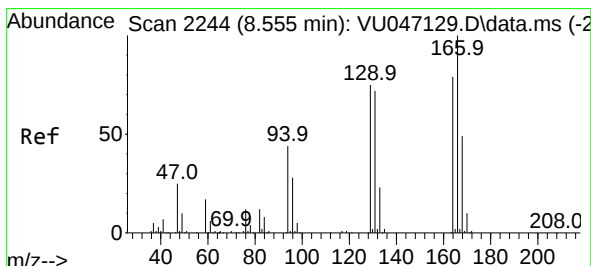
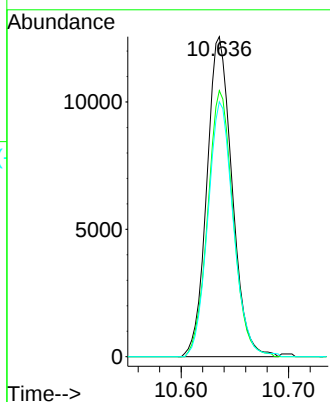
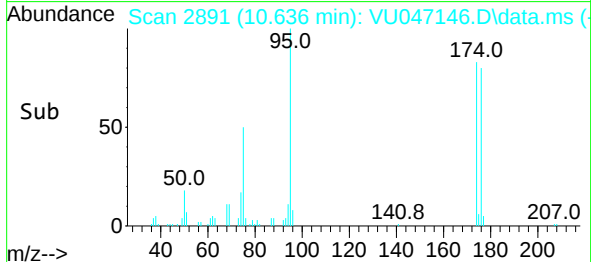
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



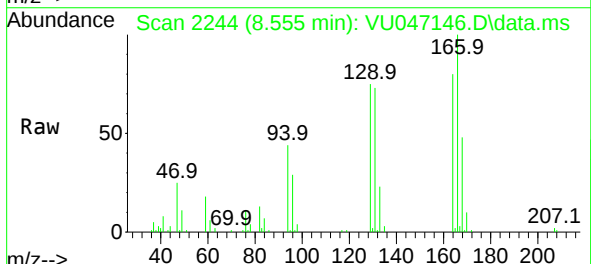
Tgt Ion: 95 Resp: 20519
Ion Ratio Lower Upper
95 100
174 83.5 56.6 84.8
176 80.4 54.3 81.5

Manual Integrations
APPROVED

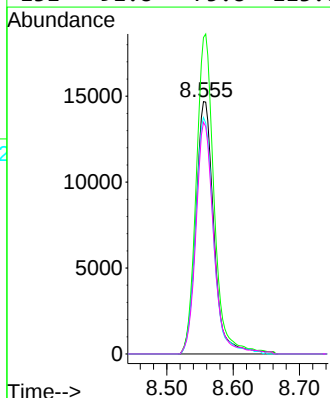
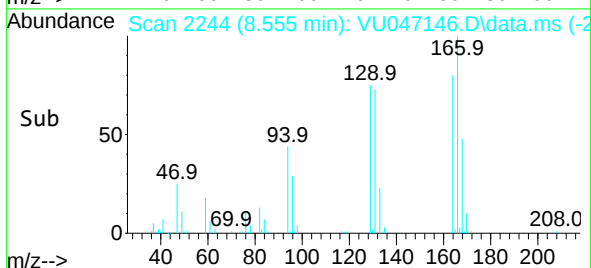
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

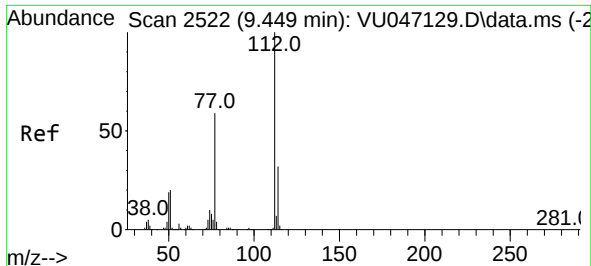


#58
Tetrachloroethene
Concen: 1.984 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



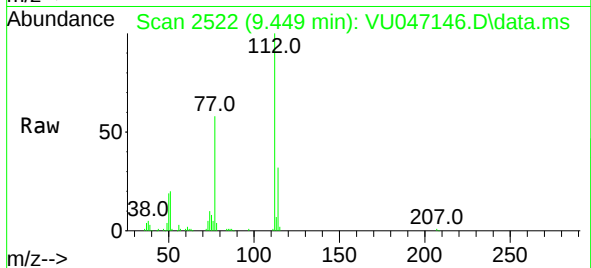
Tgt Ion:164 Resp: 27575
Ion Ratio Lower Upper
164 100
166 125.5 102.0 153.0
129 93.7 77.1 115.7
131 91.8 75.8 113.6





#59
Chlorobenzene
Concen: 1.925 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

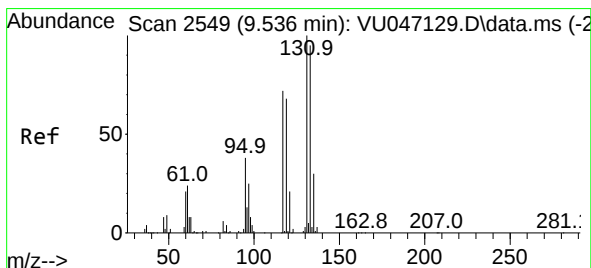
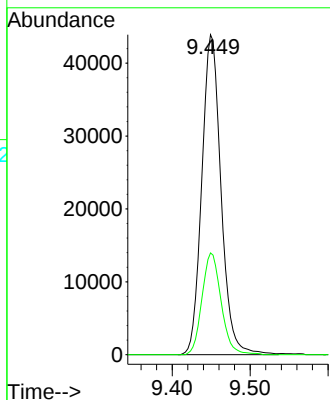
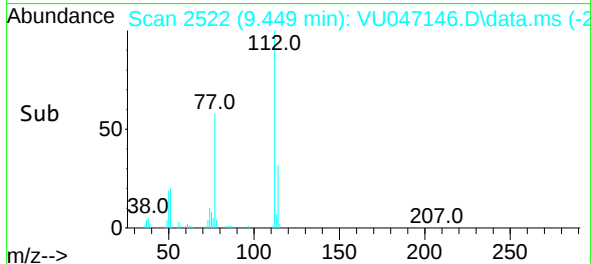
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



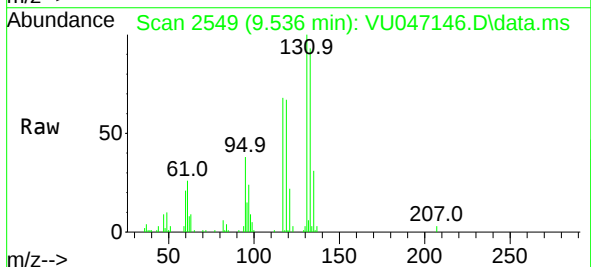
Tgt Ion:112 Resp: 7533
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

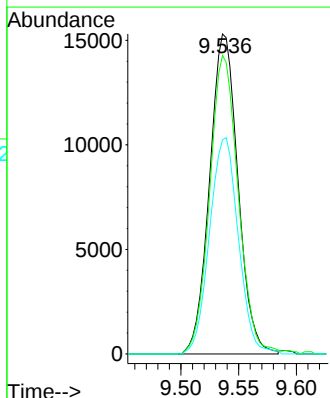
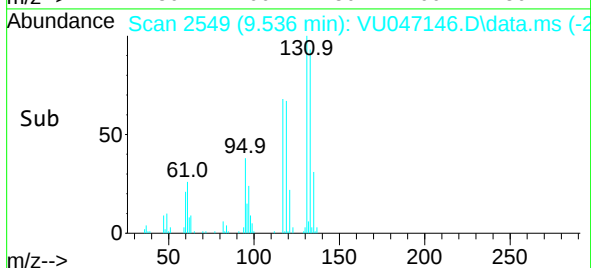
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

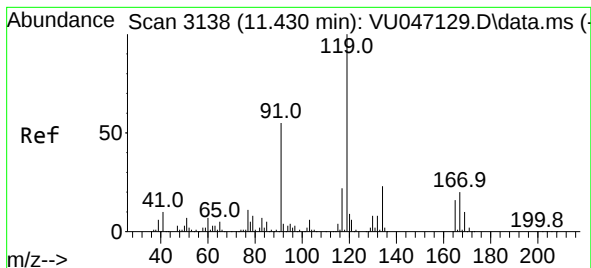


#60
1,1,1,2-Tetrachloroethane
Concen: 1.942 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



Tgt Ion:131 Resp: 26117
Ion Ratio Lower Upper
131 100
133 94.3 76.0 114.0
119 68.6 54.9 82.3





#61

Pentachloroethane

Concen: 1.834 ug/l

RT: 11.430 min Scan# 3138

Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

Tgt Ion:117 Resp: 18728

Ion Ratio Lower Upper

117 100

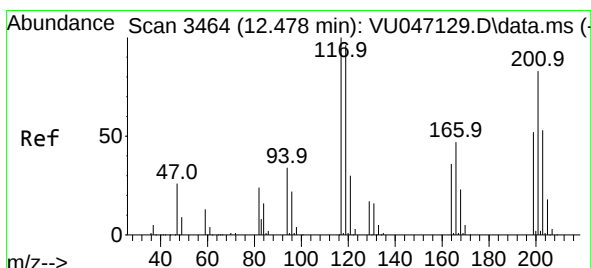
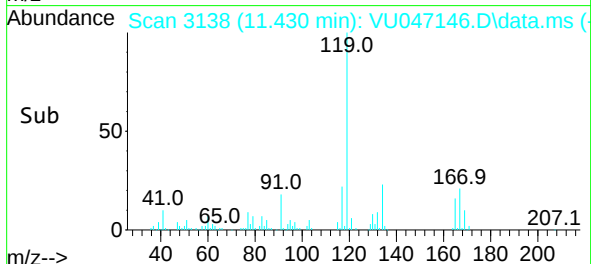
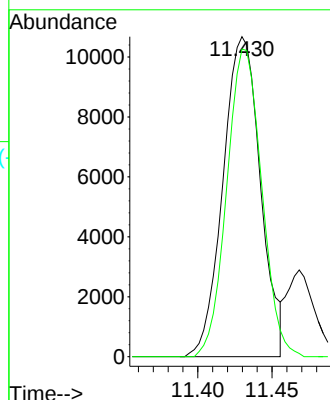
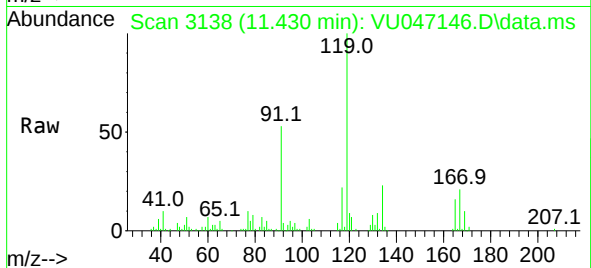
167 89.6 59.7 89.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#62

Hexachloroethane

Concen: 1.804 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. 0.000 min

Lab File: VU047146.D

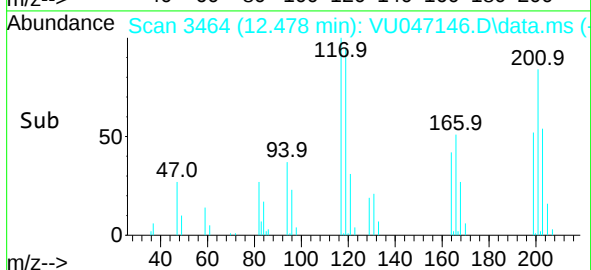
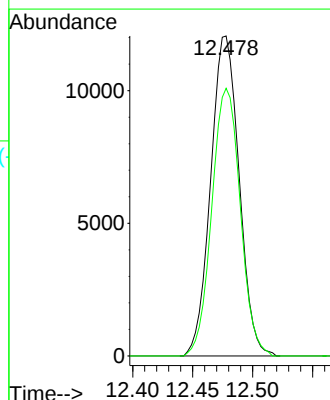
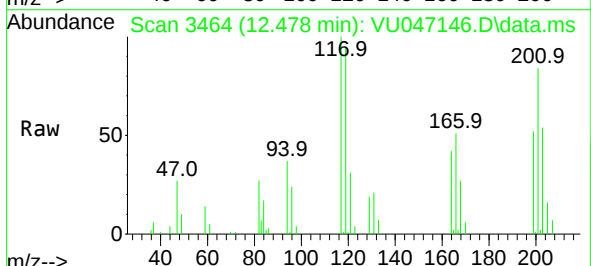
Acq: 15 Feb 2022 11:55

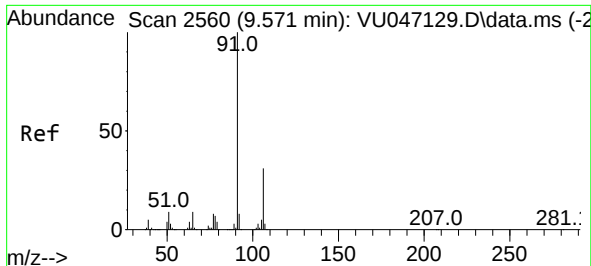
Tgt Ion:117 Resp: 19894

Ion Ratio Lower Upper

117 100

201 83.6 53.6 80.4





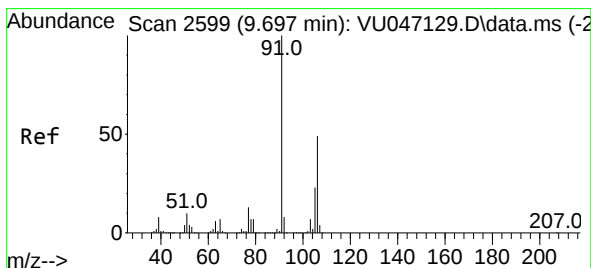
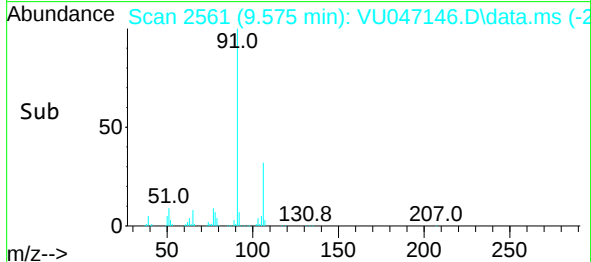
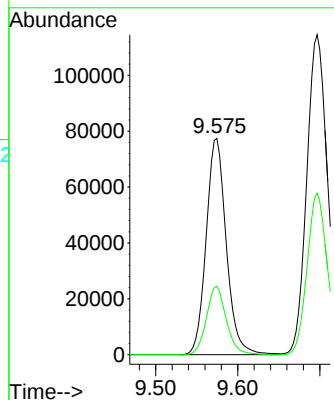
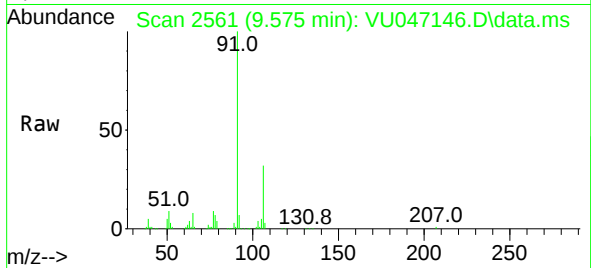
#63
Ethyl Benzene
Concen: 1.919 ug/l
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01

Tgt Ion: 91 Resp: 131992
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

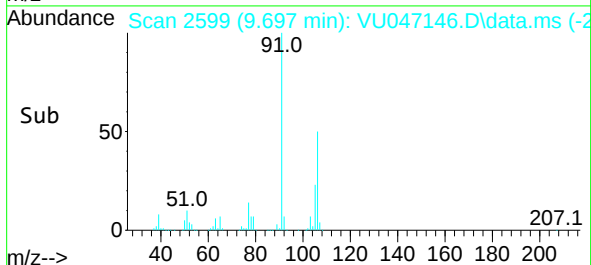
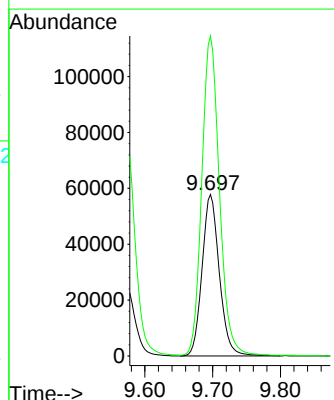
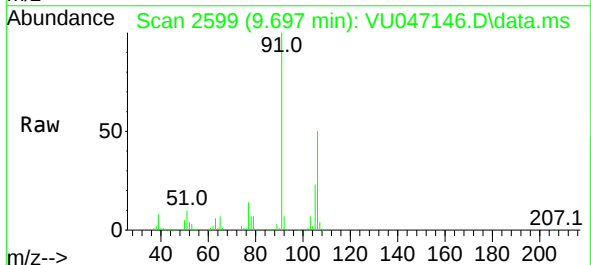
Manual Integrations
APPROVED

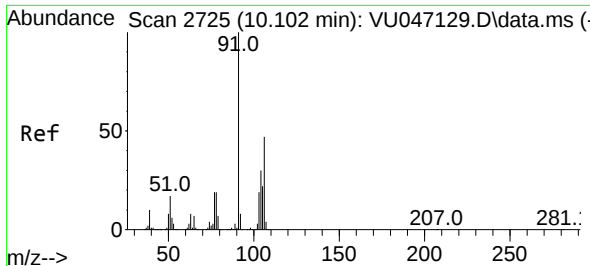
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#64
m/p-Xylenes
Concen: 3.893 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

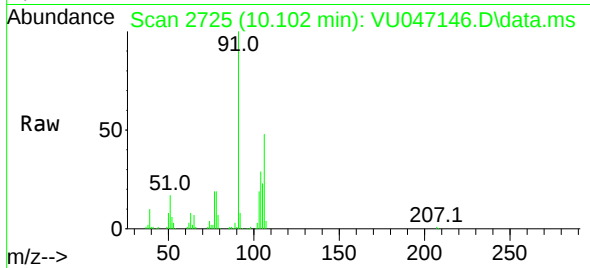
Tgt Ion:106 Resp: 102097
Ion Ratio Lower Upper
106 100
91 201.6 165.5 248.3





#65
o-Xylene
Concen: 1.933 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

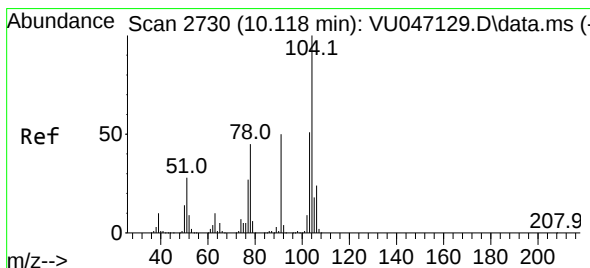
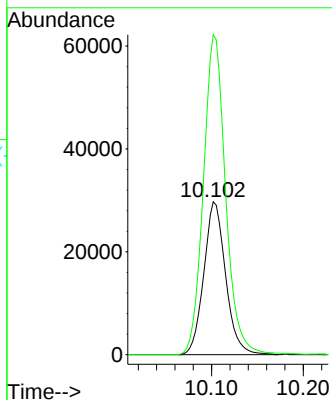
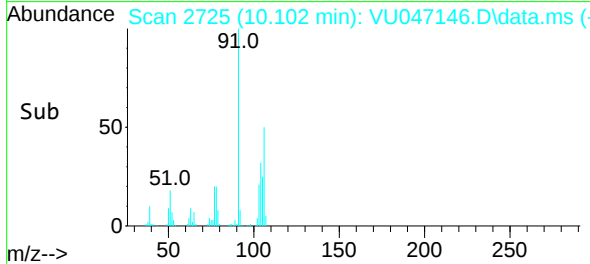
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



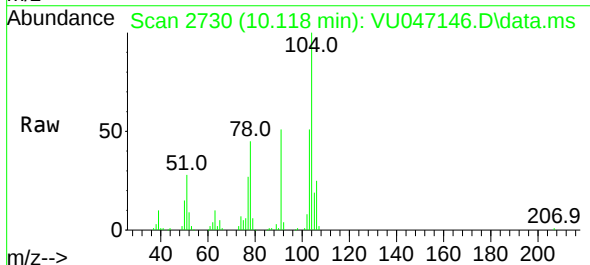
Tgt Ion:106 Resp: 4909
Ion Ratio Lower Upper
106 100
91 214.1 109.4 328.2

Manual Integrations
APPROVED

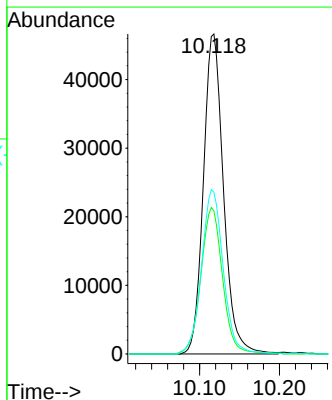
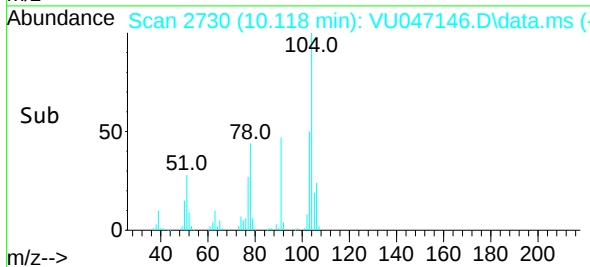
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

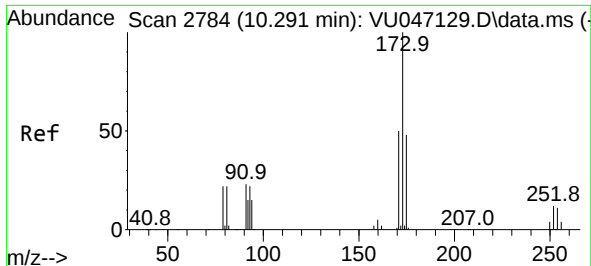


#66
Styrene
Concen: 1.896 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



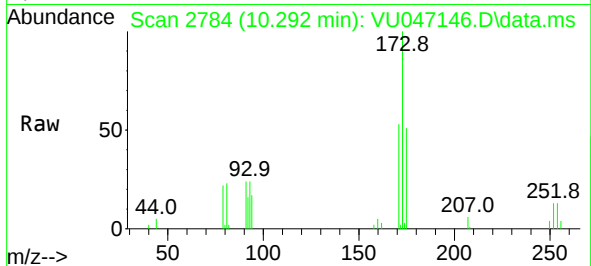
Tgt Ion:104 Resp: 81752
Ion Ratio Lower Upper
104 100
78 49.2 42.4 63.6
103 55.3 44.2 66.4





#67
Bromoform
Concen: 1.844 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

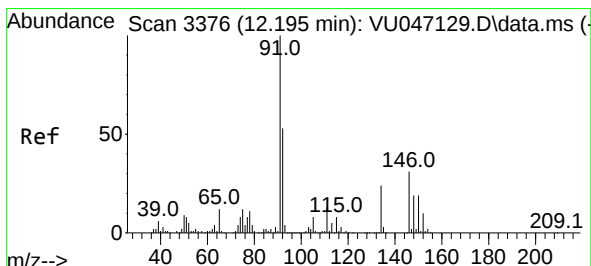
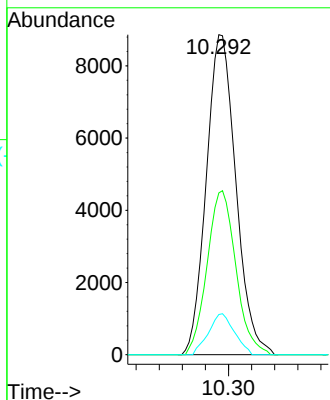
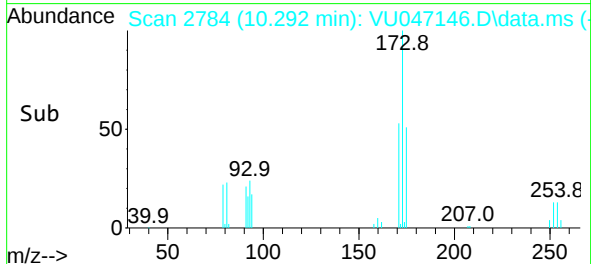
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



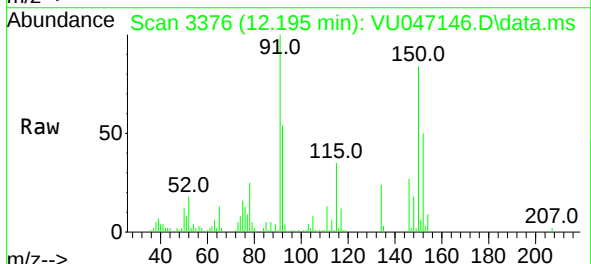
Tgt Ion:173 Resp: 15738
Ion Ratio Lower Upper
173 100
175 49.9 39.0 58.4
254 11.2 5.5 8.3

Manual Integrations
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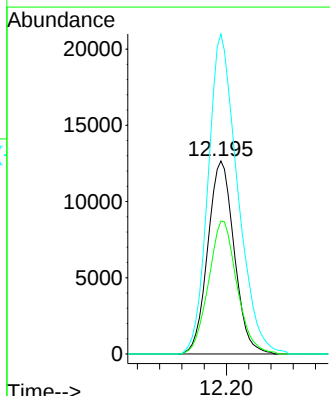
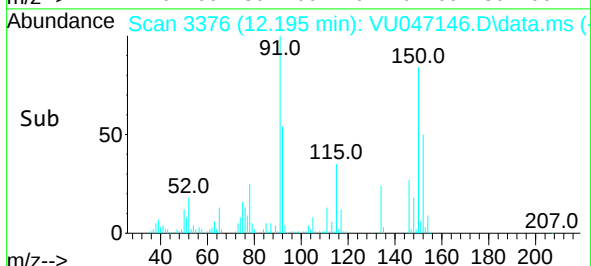
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

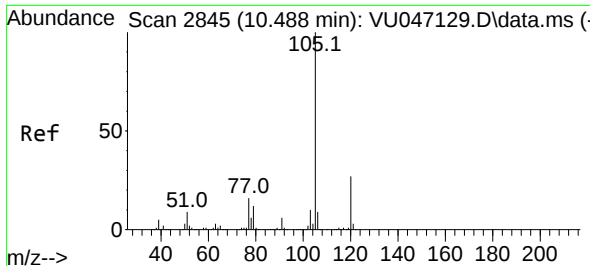


#68
1,2-Dichlorobenzene-d4
Concen: 0.977 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



Tgt Ion:152 Resp: 20821
Ion Ratio Lower Upper
152 100
115 74.2 0.0 251.0
150 185.4 0.0 613.8





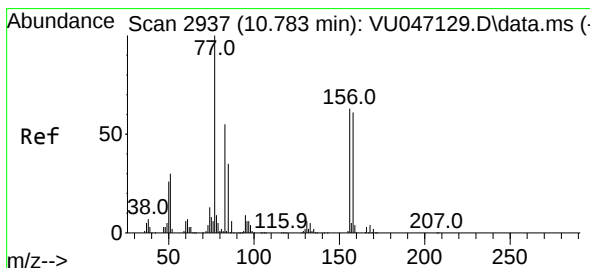
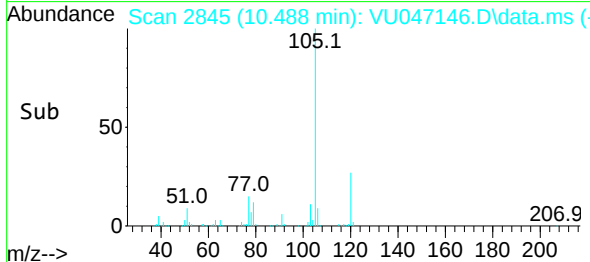
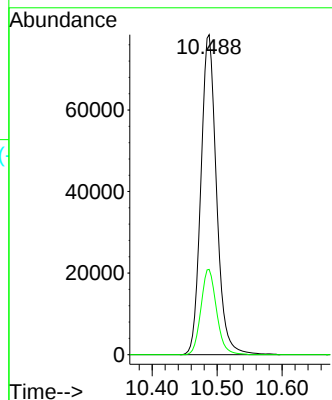
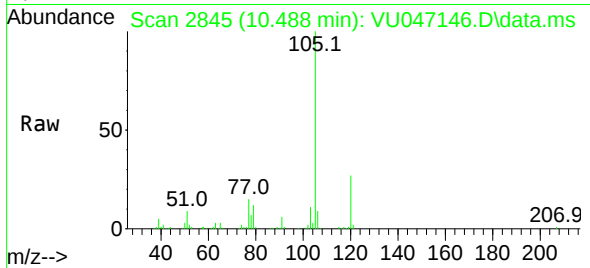
#69
Isopropylbenzene
Concen: 1.927 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01

Tgt Ion: 105 Resp: 131640
Ion Ratio Lower Upper
105 100
120 26.5 12.8 38.4

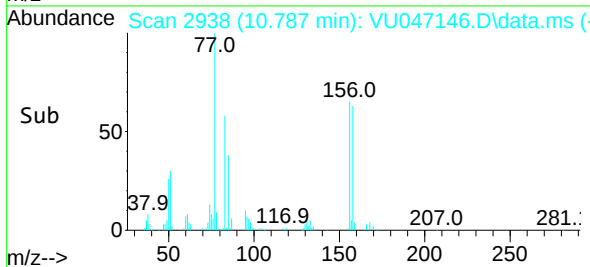
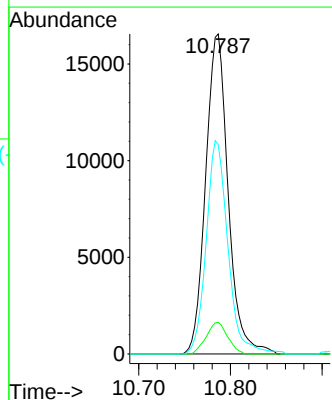
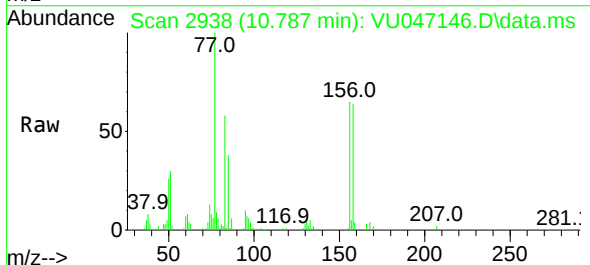
Manual Integrations
APPROVED

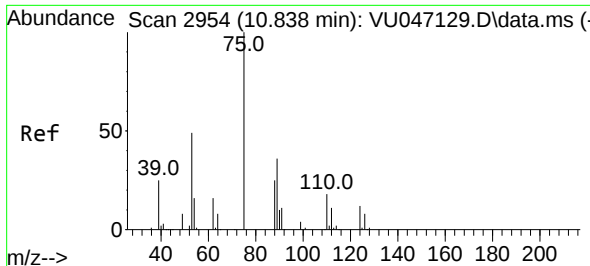
Reviewed By : John Carlone 02/18/2022
Supervised By : Mahesh Dadoda 02/18/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.884 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

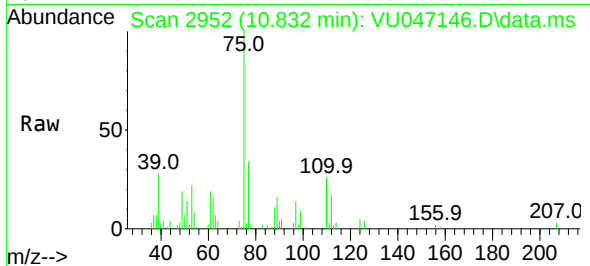
Tgt Ion: 83 Resp: 28223
Ion Ratio Lower Upper
83 100
131 9.4 7.6 11.4
85 64.4 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.919 ug/l m
RT: 10.832 min Scan# 2954
Delta R.T. -0.006 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

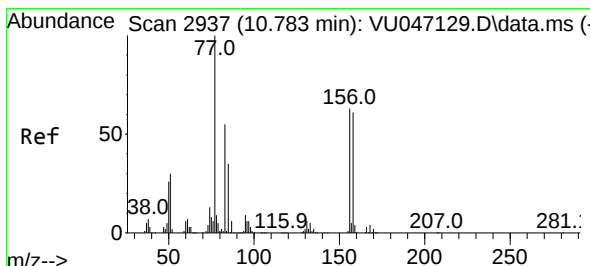
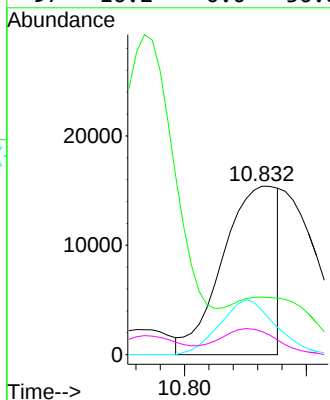
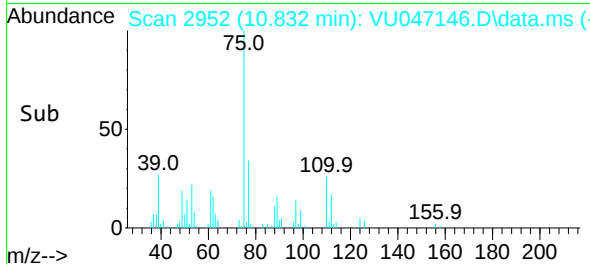
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



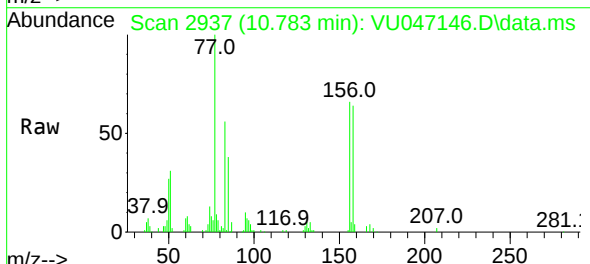
Tgt Ion:	75	Resp:	2425
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	105.6
110	33.2	0.0	71.2
97	16.2	0.0	36.8

Manual Integrations
APPROVED

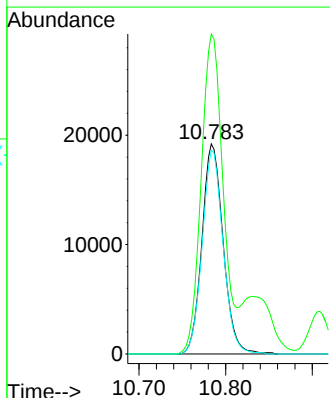
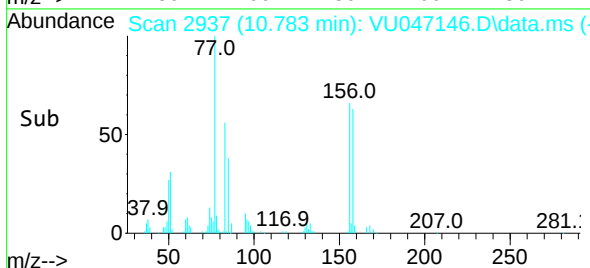
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

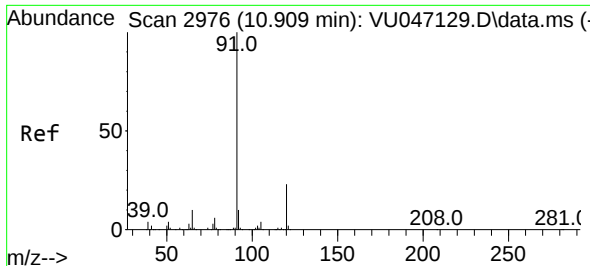


#72
Bromobenzene
Concen: 1.958 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



Tgt Ion:	156	Resp:	32674
Ion Ratio	100	Lower	Upper
156	100		
77	155.8	0.0	370.6
158	95.6	0.0	193.4





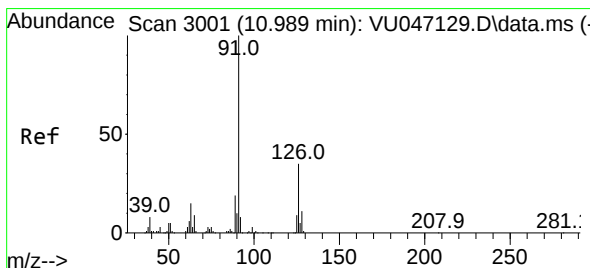
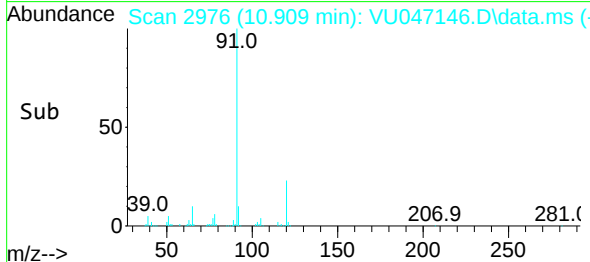
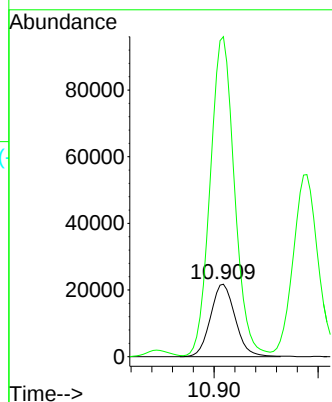
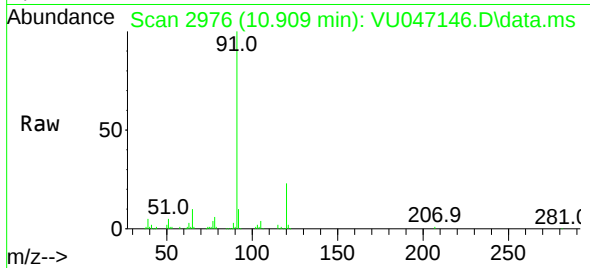
#73
n-propylbenzene
Concen: 1.908 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01

Tgt Ion:120 Resp: 35878
Ion Ratio Lower Upper
120 100
91 435.2 370.7 556.1

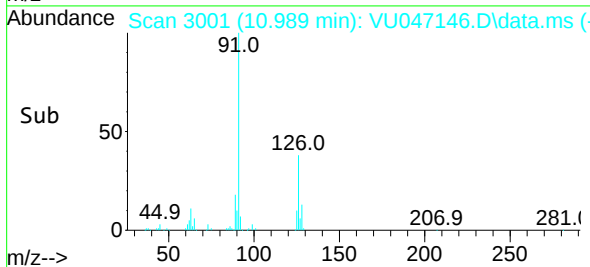
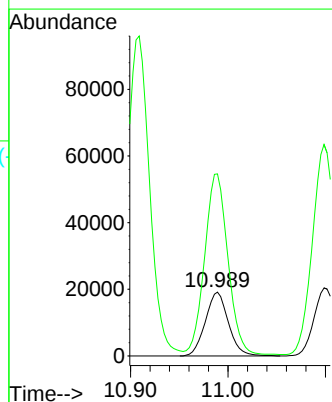
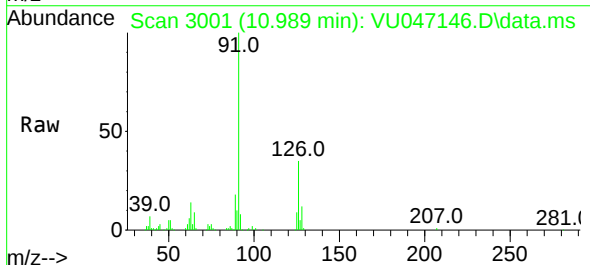
Manual Integrations
APPROVED

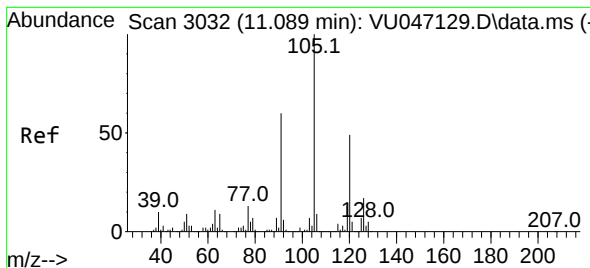
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#74
2-Chlorotoluene
Concen: 1.958 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Tgt Ion:126 Resp: 31387
Ion Ratio Lower Upper
126 100
91 290.7 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 1.895 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047146.D

Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01

Tgt Ion:105 Resp: 10620

Ion Ratio Lower Upper

105 100

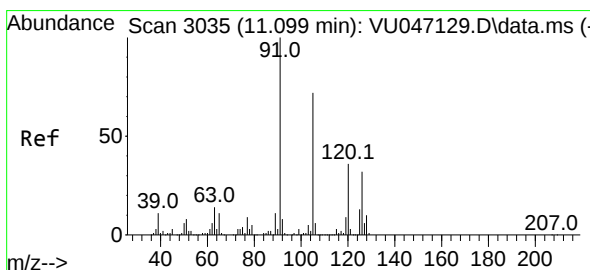
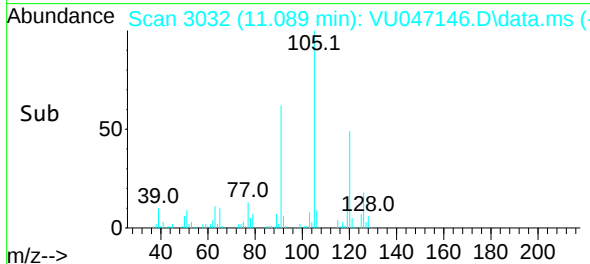
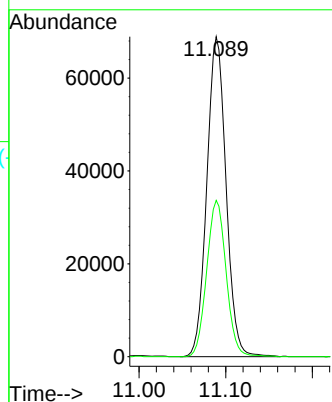
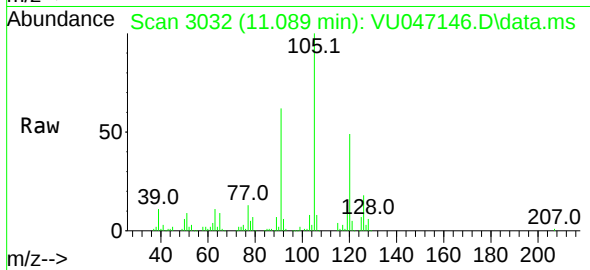
120 49.4 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#76

4-Chlorotoluene

Concen: 1.966 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VU047146.D

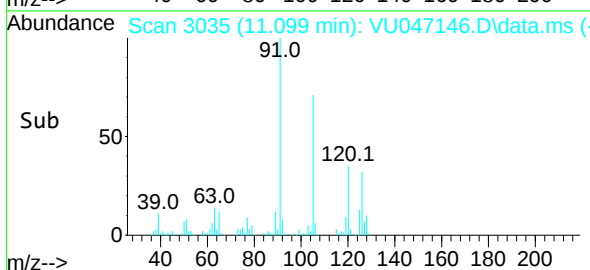
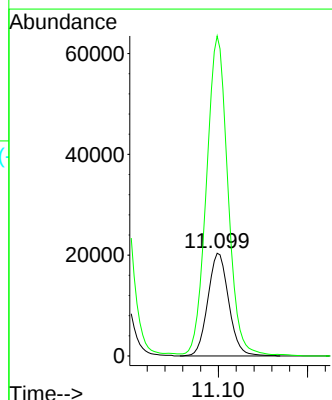
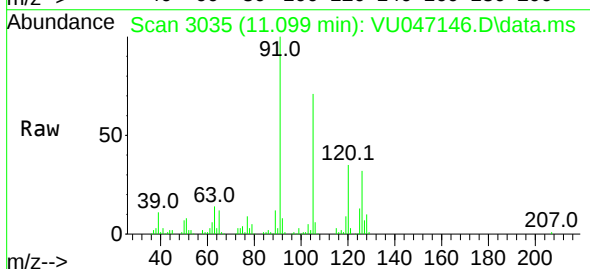
Acq: 15 Feb 2022 11:55

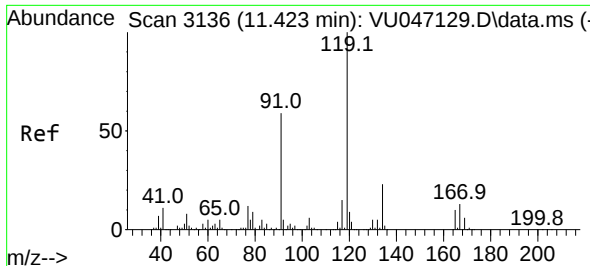
Tgt Ion:126 Resp: 33126

Ion Ratio Lower Upper

126 100

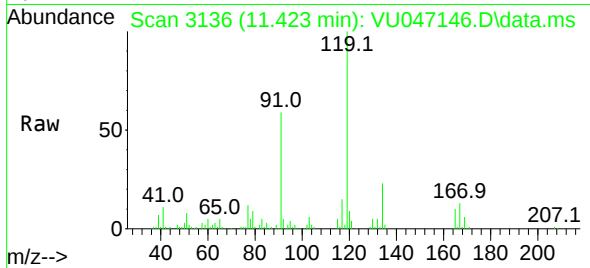
91 315.8 0.0 728.0





#77
tert-Butylbenzene
Concen: 1.888 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

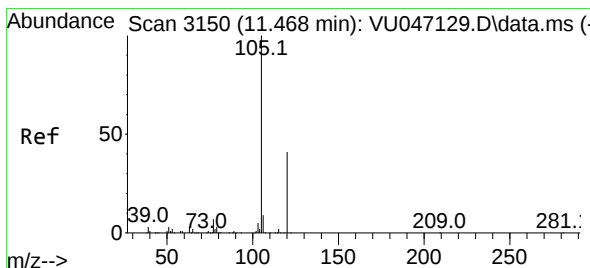
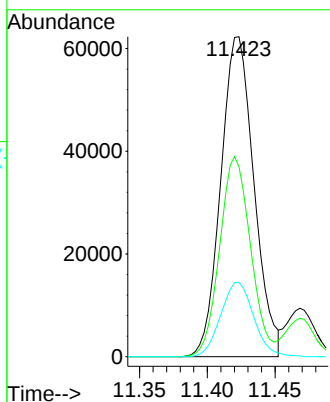
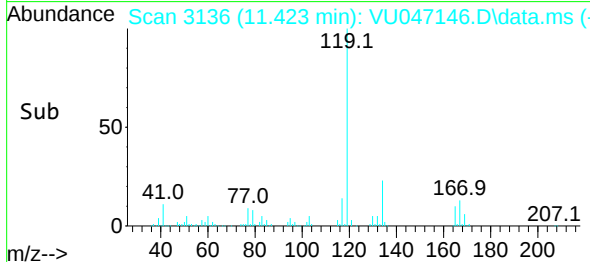
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



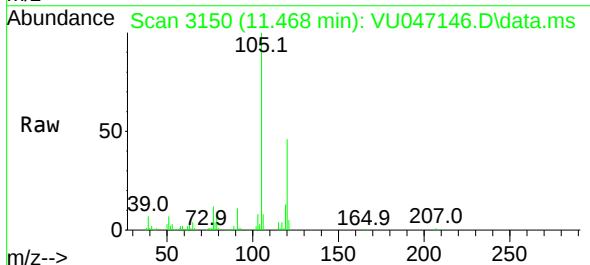
Tgt Ion:119 Resp: 10614
Ion Ratio Lower Upper
119 100
91 58.2 31.4 94.3
134 23.1 18.5 27.7

Manual Integrations
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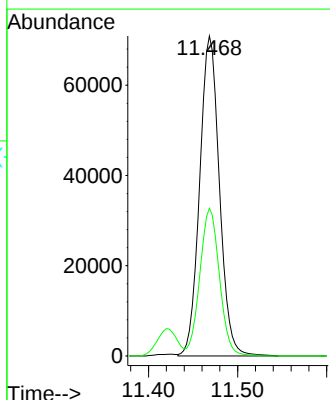
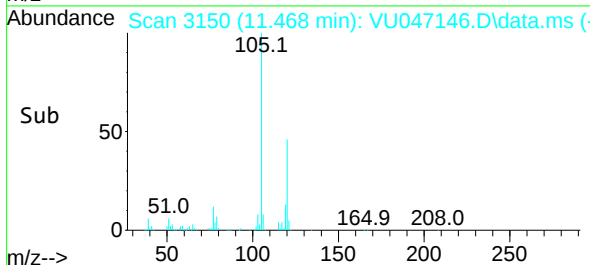
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

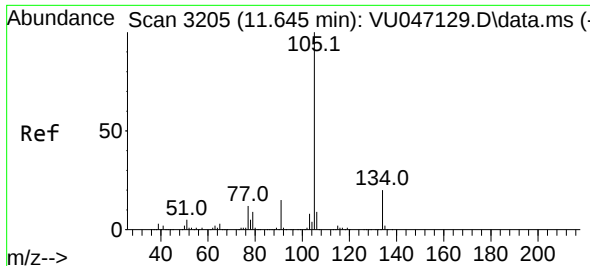


#78
1,2,4-Trimethylbenzene
Concen: 1.910 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



Tgt Ion:105 Resp: 109197
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8





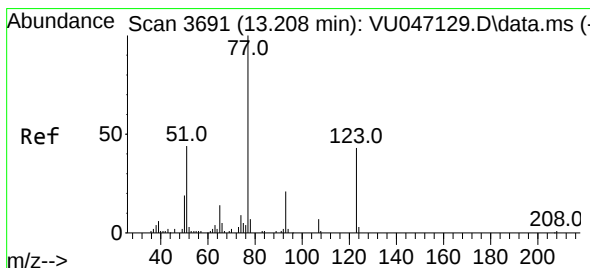
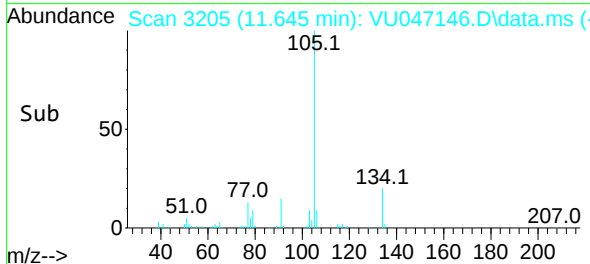
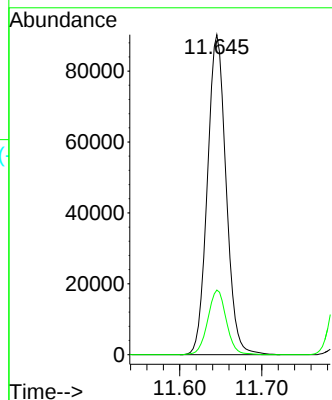
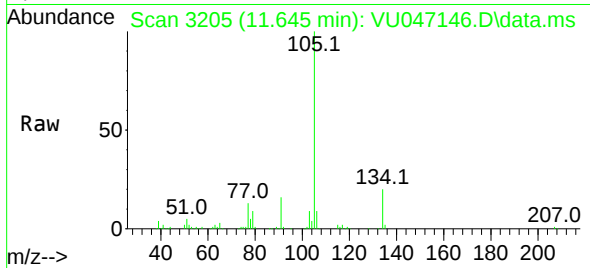
#79
 sec-Butylbenzene
 Concen: 1.920 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU047146.D
 Acq: 15 Feb 2022 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0215WBSD01

Tgt Ion:105 Resp: 14333
 Ion Ratio Lower Upper
 105 100
 134 20.0 15.4 23.0

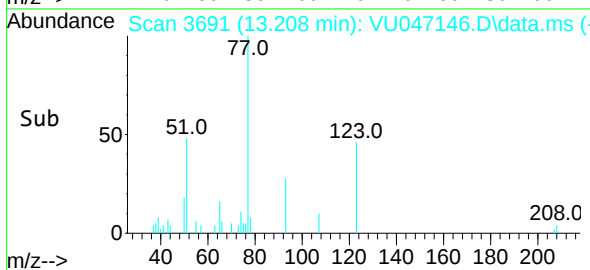
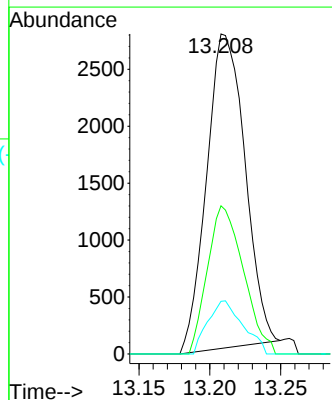
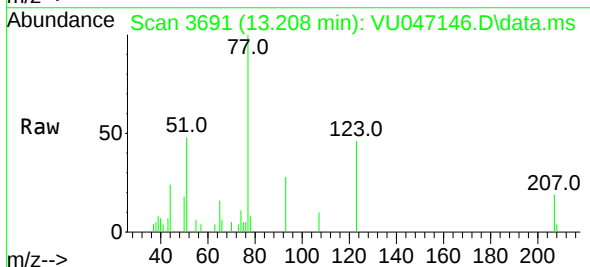
Manual Integrations
 APPROVED

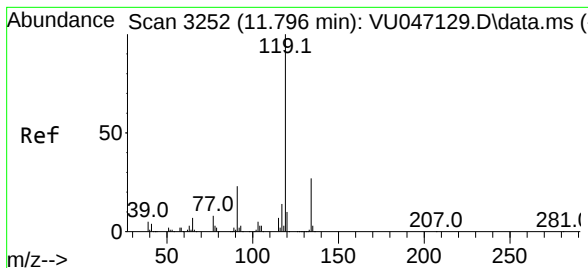
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/18/2022



#80
 Nitrobenzene
 Concen: 7.184 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU047146.D
 Acq: 15 Feb 2022 11:55

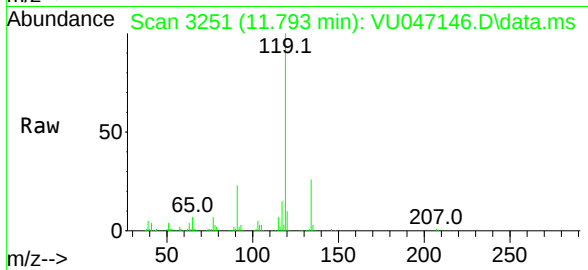
Tgt Ion: 77 Resp: 5196
 Ion Ratio Lower Upper
 77 100
 123 44.2 18.2 64.4
 65 15.5 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 1.925 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

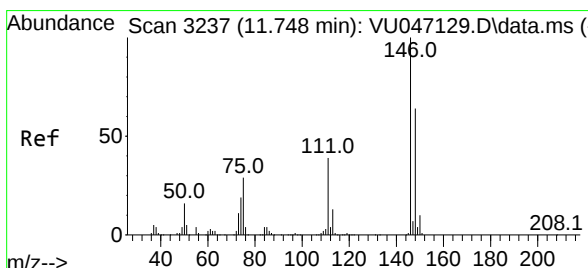
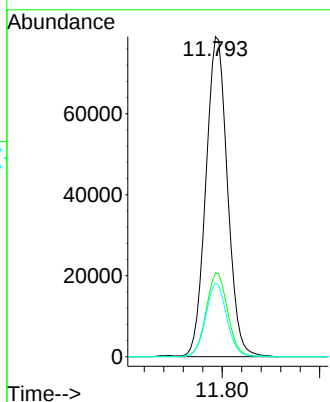
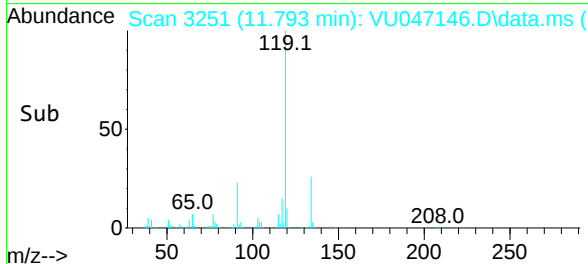
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



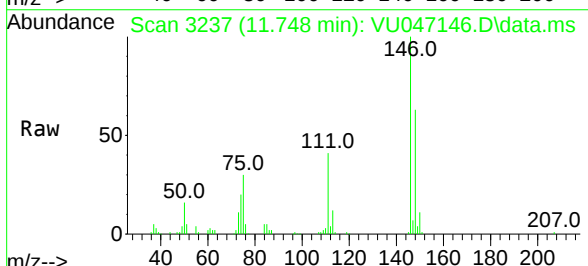
Tgt Ion:119 Resp: 12162
Ion Ratio Lower Upper
119 100
134 26.0 20.2 30.4
91 22.5 19.9 29.9

Manual Integrations
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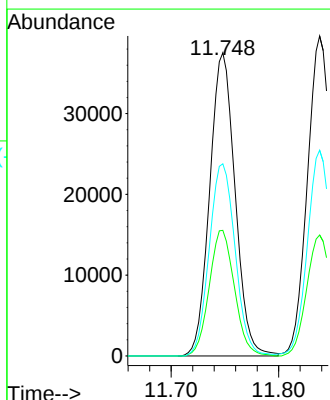
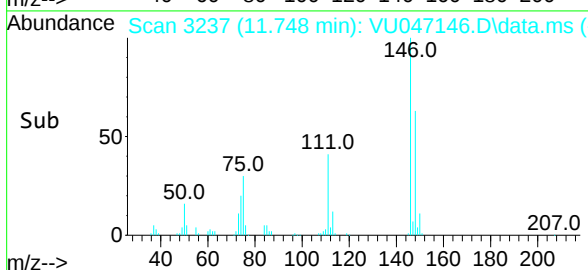
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

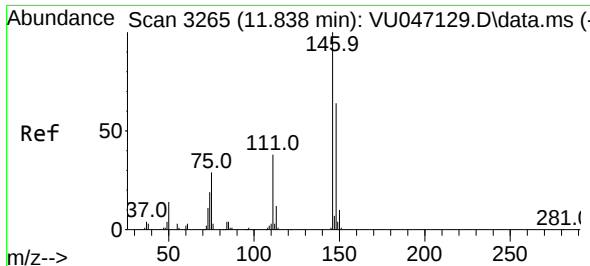


#82
1,3-Dichlorobenzene
Concen: 1.897 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



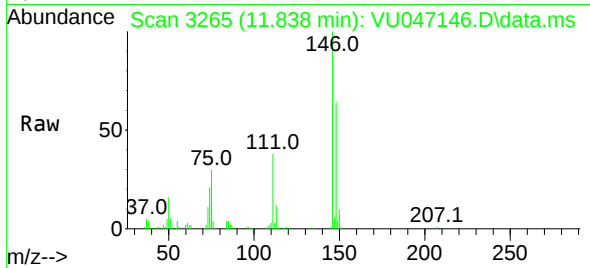
Tgt Ion:146 Resp: 61624
Ion Ratio Lower Upper
146 100
111 41.1 33.9 50.9
148 64.6 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 1.942 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

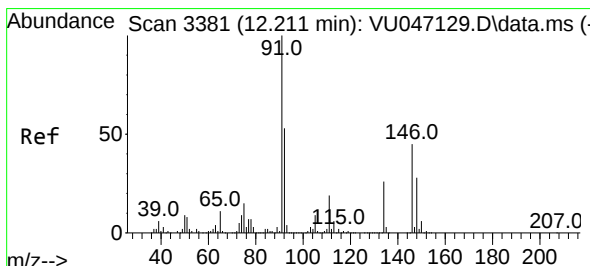
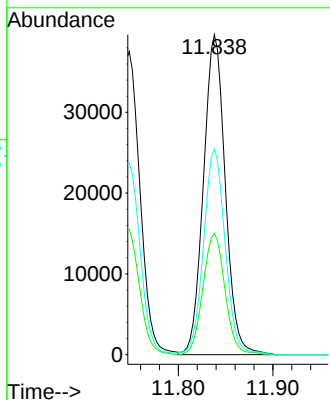
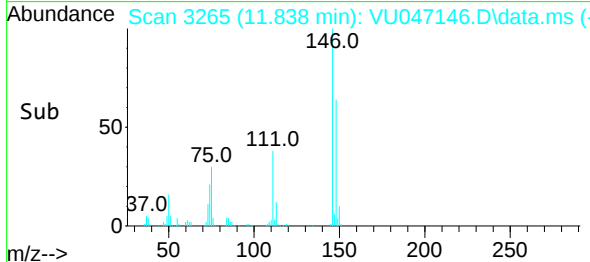
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



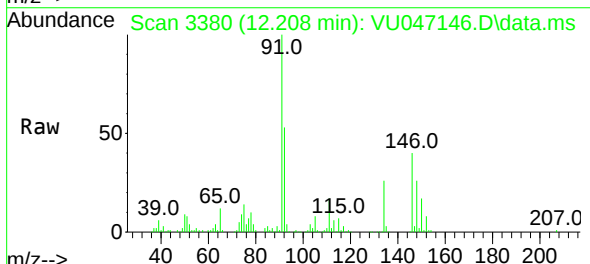
Tgt Ion:146 Resp: 63528
Ion Ratio Lower Upper
146 100
111 38.2 32.7 49.1
148 64.0 51.4 77.0

Manual Integrations
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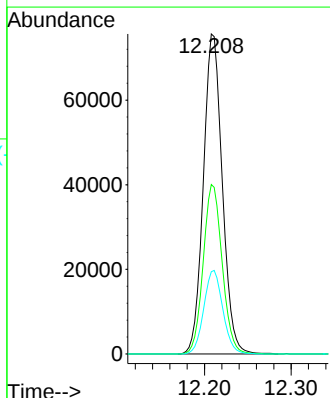
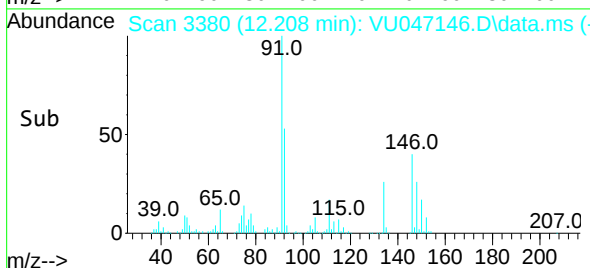
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

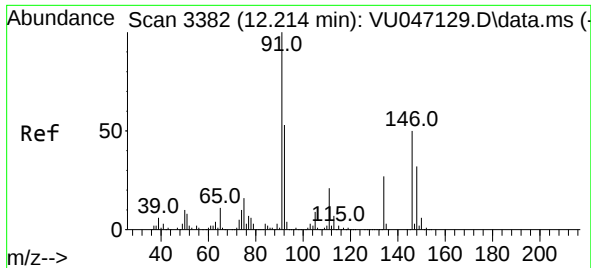


#84
n-Butylbenzene
Concen: 1.898 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55



Tgt Ion: 91 Resp: 115116
Ion Ratio Lower Upper
91 100
92 52.9 43.5 65.3
134 26.2 19.0 28.4





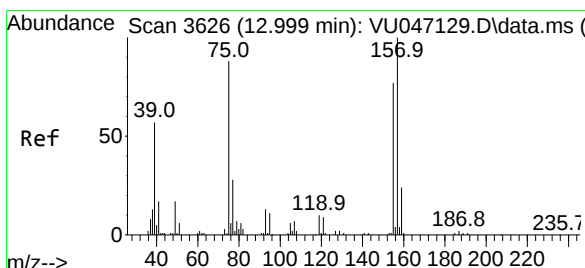
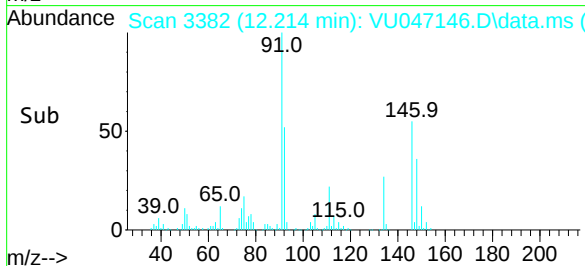
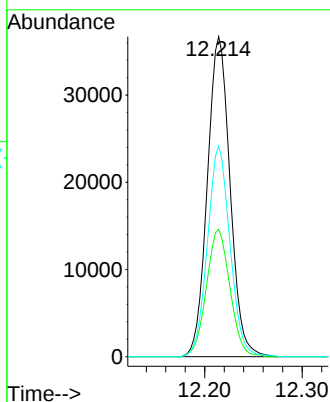
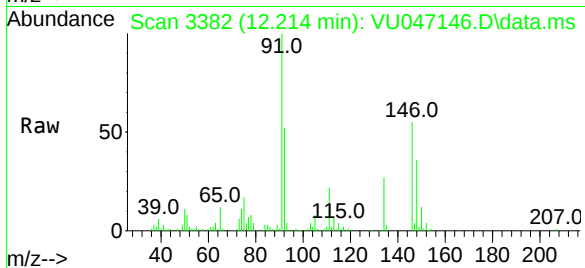
#85
1,2-Dichlorobenzene
Concen: 1.898 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01

Tgt Ion:146 Resp: 59340
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.1
148 65.5 31.6 94.7

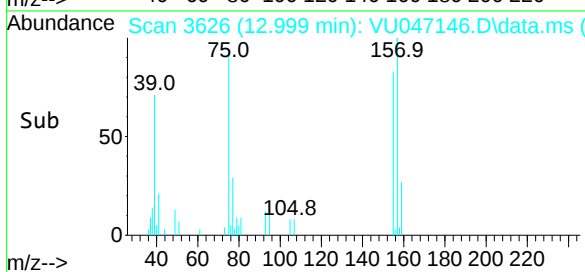
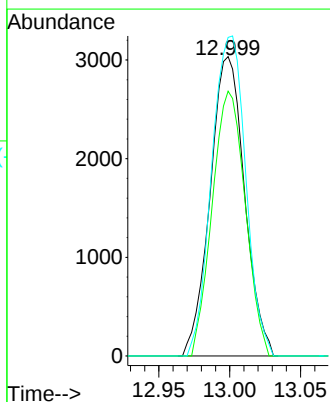
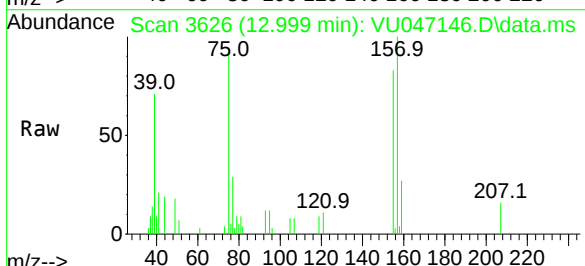
Manual Integrations
APPROVED

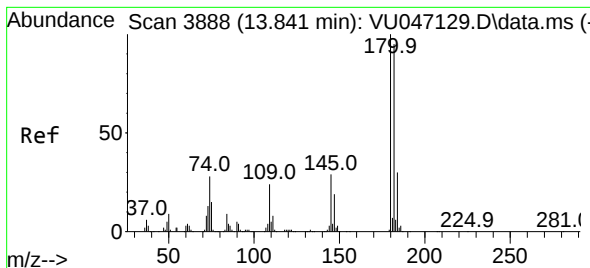
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.869 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Tgt Ion: 75 Resp: 5133
Ion Ratio Lower Upper
75 100
155 84.4 57.8 86.8
157 105.4 75.1 112.7





#87

1,2,4-Trichlorobenzene

Concen: 1.896 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047146.D

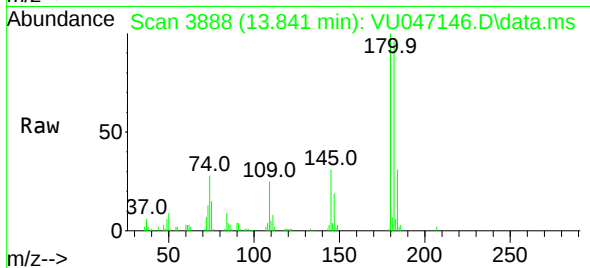
Acq: 15 Feb 2022 11:55

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBSD01



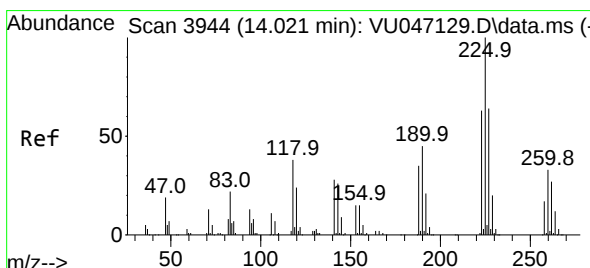
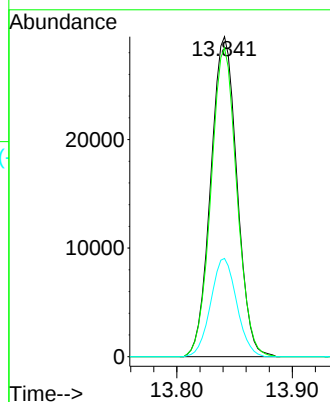
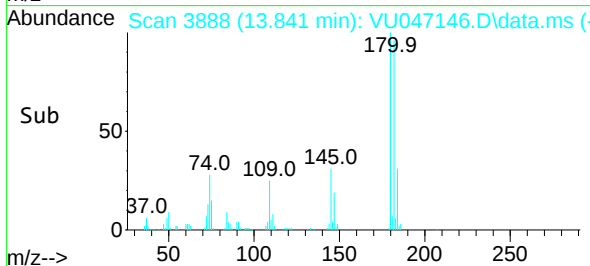
Tgt Ion:	180	Resp:	46549
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.8	113.8
145	30.4	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#88

Hexachlorobutadiene

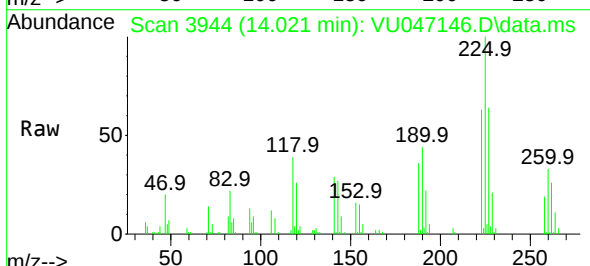
Concen: 1.870 ug/l

RT: 14.021 min Scan# 3944

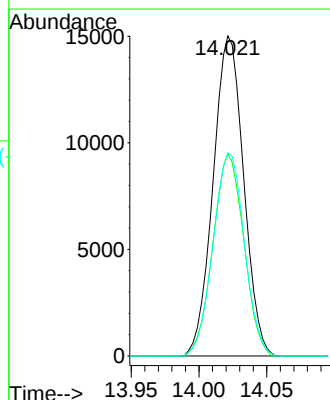
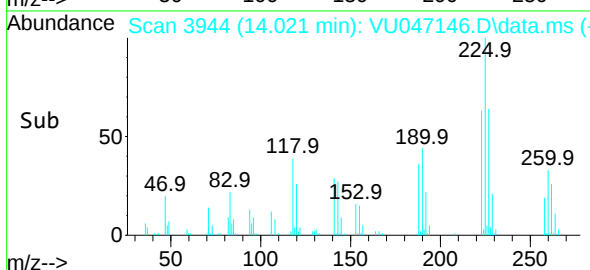
Delta R.T. 0.000 min

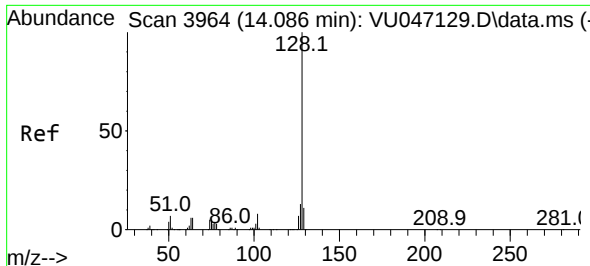
Lab File: VU047146.D

Acq: 15 Feb 2022 11:55



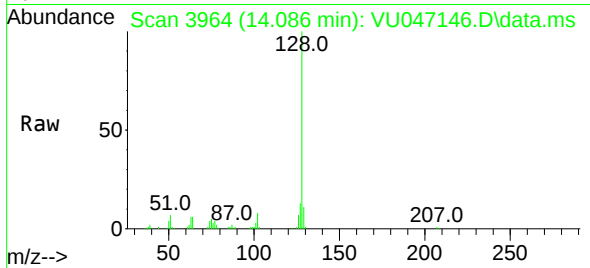
Tgt Ion:	225	Resp:	23474
Ion Ratio	Lower	Upper	
225	100		
223	63.9	51.1	76.7
227	64.9	49.9	74.9





#89
Naphthalene
Concen: 1.863 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

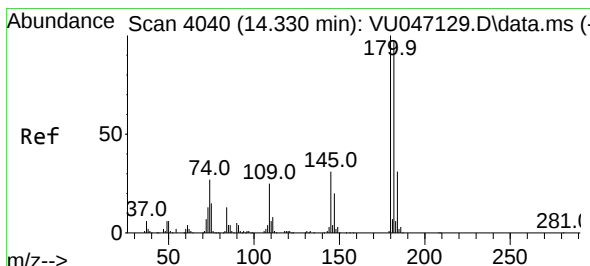
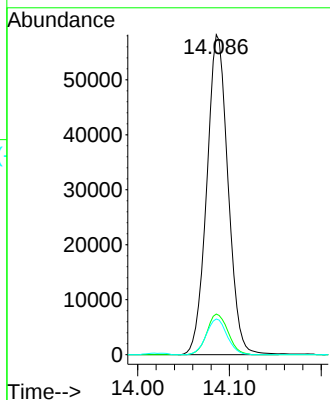
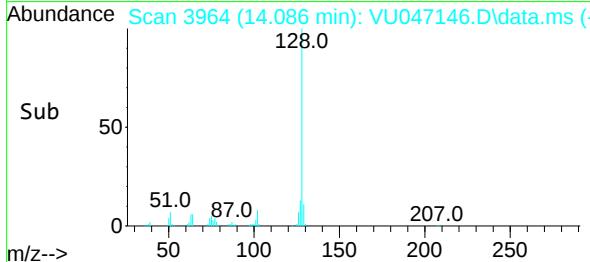
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBSD01



Tgt Ion:128 Resp: 93680
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.0 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#90
1,2,3-Trichlorobenzene
Concen: 1.990 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047146.D
Acq: 15 Feb 2022 11:55

Tgt Ion:180 Resp: 43819
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.0
145 31.4 27.0 40.4

